

March/April 2001

# The Chronicle

Published for the employees of SPAWAR Systems Center, Charleston



**Meet Charlie — WPNSTA Charleston's chief of complaints!**

*(see story on page 20)*

# The Chronicle

SPAWAR Systems Center,  
Charleston  
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## SSC Charleston's Mission — *What we do*

We enable knowledge superiority to the warfighter through the development, acquisition, and life cycle support of effective, capable and integrated C4ISR, IT, and Space systems.

## SSC Charleston's Vision — *Where we want to be in the future*

We will become the premier provider of C4ISR, IT, and Space capabilities.

**Commanding Officer,  
Captain Nancy L. Deitch,  
United States Navy**

**Editor: Lynda Silvers**

**Photographer: Harold Senn**

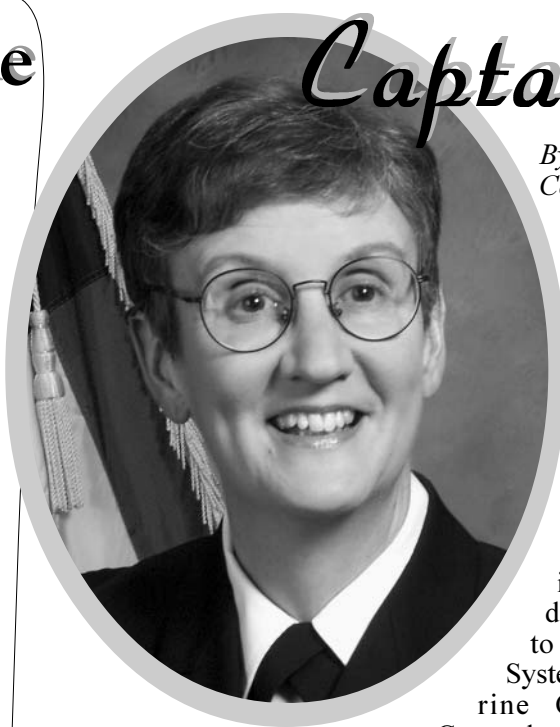
*The Chronicle* is a bimonthly publication designed for SPAWAR Systems Center, Charleston's employees. Its purpose is to inform, educate, entertain, and generate new ideas. An official publication, *The Chronicle* is printed on recyclable paper using appropriated funds in compliance with Navy Publications and Printing regulations. Contents of *The Chronicle* are not necessarily the official views of, or endorsed by, the U.S. Government, the Dept. of Defense, or the U.S. Navy.

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# Captain's Call

By Capt. Nancy L. Deitch, USN  
Commanding Officer



## ■ Speak with a consistent voice.

This has been an exciting couple of months for us here at SSC Charleston. We have put in place what I consider precedent setting work that allows us to do work for Electronic Data Systems in support of the Navy Marine Corps Intranet transition.

Currently, we have three separate tasks being worked out of the National Capital Region (NCR) Office and two additional tasks in the midst of being staffed. The process defined by our Office of Counsel, in conjunction with the NCR Office, has become a model for other Working Capital Fund activities Navy-wide.

Also, due to the concentrated efforts of a dedicated cross-organizational team, we presented to SPAWAR headquarters our Business Case Analysis for Production Engineering, and recommendations for the way ahead. Targeting duplicative processes and infrastructures within SSC Charleston, the proposal looks to redefine production engineering along functional lines. It met with resounding success. But, like all great work, it was rewarded with more work as we were given the green light to proceed with implementing our recommendations. We were also rewarded with an equally aggressive schedule to meet. More to follow on this one as we forge ahead.

Finally, SPAWAR senior management just concluded their semi-annual offsite. In attendance were the flag officers, SESs and senior department heads from headquarters and the five field activities. The offsites have evolved to a theme of looking forward in the spring and looking back in the fall, kind of like daylight savings time. This particular offsite was made unique because of the presence of our major sponsor, CNO N6, and one of our major customers, CINCLANTFLT. Based on the results of the offsite, our task for the future is to take the SPAWAR Strategic Plan and map our processes into the plan, with an emphasis on metrics and benchmarking. Our metrics for success are evolving. Questions we need to be asking ourselves are: 1) does the customer feel they are getting value for the dollar, 2) what is the link between dollar spent and capability delivered, and 3) how are we benchmarking where we started in order to measure progress made? Every project needs to consciously examine their efforts and document the answers to these important questions.

In closing, I had the honor of being invited to the Pentagon on April 12 for an awards ceremony during which Lou Kratz, Principal Deputy Under Secretary of Defense for Logistics Architecture, presented the 2000 Defense Standardization award to Mr. John Carvil (J34D/Norfolk) for his work on the Ring Laser Guided Navigation System with PMS 440 [see story on page 16]. Congratulations to the whole Little Creek team on this great honor.

# SPAWAR prepares to support second Antarctic rescue



**Dave Ferguson (standing), head of the SPAWAR Aviation Technical Services (ATS) Operational & Maintenance Branch, briefs the SPAWAR Charleston ATS operational unit during a planning meeting for the South Pole Medical Evacuation mission.**

**S**SC Charleston's Aviation Technical Services (ATS) Division, in support of the SPAWAR Antarctic Program Office, headed by **James Webb**, has once again been called upon to help rescue a doctor at the South Pole — a highly risky mission.

James vividly recalls the assistance SSC Charleston provided two years ago during the previous South Pole rescue when Dr. Jerri Nielsen developed medical problems which could not be treated there. "After fifteen years of working with and supporting the U.S. Antarctic Program, I am totally impressed with the dedication and professionalism of not only SPAWAR's government personnel but also our operations and maintenance (O&M) support contractors from Scientific Research Corporation (SRC)," James said. "Most members of the SPAWAR ATS team returned to Charleston in February following a 5 ½-month deployment to Antarctica. For these individuals to, at a moments notice, leave Charleston and proceed to Antarctica in support of this highly risky and dangerous rescue mission is amazing."

The primary support for this rescue mission is providing operational weather forecasts for the aircraft flying to the South Pole. The weather forecast, according to the National Science Foundation, is the most crucial element of a successful mission. The ATS O&M Branch, headed by **Dave Ferguson**, provides air traffic control, meteorology and electronic maintenance support to the National Science Foundation and the United States Antarctic Program.

Dave said, "SPAWAR organized and will lead a team made up of the National Science Foundation, United States Air Force, British Antarctic Survey, British Meteorological Services (Falkland Islands), National Weather Service, United States Navy, University of Wisconsin, Ohio State University, Raytheon Polar Services Corporation, National Center for Atmospheric Research, and various other members of the scientific and operational communities throughout the world to provide the forecast needed by the pilots to make a successful rescue." The aircraft will fly from Rothera Island (Antarctica) to the South Pole, a ten-hour flight, and then return to Rothera Island. There are no available alternate airports for the aircraft, so the weather information must be both real time and extremely accurate.

SSC Charleston's ATS O&M Branch provides ATC, meteorology, and electronic maintenance at McMurdo Station, Antarctica, and also staffs a weather office and base operations at Christchurch, New Zealand — a 30-hour flight from Charleston. Once there, personnel are issued cold-weather clothing and, if required, depart for the *ice* aboard military aircraft — another five- to eight-hour flight. Dave said, "When the call came, I was never concerned that I would not be able to support this mission. No one hesitated when volunteers were requested to deploy in support of this rescue effort. I believe this represents the true American spirit, when we are willing to make personal sacrifices to help a fellow American. I am very proud to be associated with such fine Americans and professionals."

# Automation system survives ultimate test

By Bob Davison (J743BD)

Special Programs Branch, Force and Infrastructure Protection Engineering Division

The February 2001, 6.8 magnitude earthquake in the Seattle, Washington, area provided an unexpected but real life test of the capabilities of the Automated Fuel Handling Equipment (AFHE) system at the FISC Puget Sound Manchester Fuel Terminal, Washington. The Navy had 60 million gallons of fuel stored in 38 tanks with 11 miles of pipelines just across Puget Sound from Seattle, and near large salmon fish farms. In addition to the major quake damage in Seattle, an environmental disaster could have occurred if the fuel had leaked into the pristine Puget Sound. Thanks to the AFHE system, officials knew within an hour of the quake that their facility was secure and no leaks had occurred — proof that the system had been well designed and met a primary goal for environmental protection. Without the AFHE, the operators and maintenance personnel would have needed more than 30 hours to assess the condition of the fuel storage and distribution systems.

Installed in 1997, the Manchester system was the first of several designed and installed by SSC Charleston and its support contractors for the Defense Energy Support Center (DESC). AFHE was conceived as an effective method to lessen the risk of spill or other accidents at deep water, marine front terminals and other fuel handling and storage areas. AFHE designers may have thought about earthquakes during their design, but no one wanted to guess at how well it might perform under real conditions.

The AFHE system is designed to improve control and inventory accountability, to provide continuous monitoring and fail-safe engineering for spill prevention and to increase operational efficiency. Supervisory Control and Data Acquisition (SCADA) software is specifically configured for each AFHE site. Tanks, valves and piping are instrumented with various sensing and control devices that are interfaced via a distributed control system and high speed network to SCADA software in a central control room. **Ralph Shealy**, head of the Special Programs Branch (J743), and **Bruce Toppin**, project engineer for the Manchester site, said the fuel-handling system developed within their branch now allows one person to monitor and control all site operations from a single computer screen. It graphically displays system status, pressures, temperatures, valve conditions, tank volumes and pipe flow rates. Prior to AFHE, an operator was physically stationed at each valve along the pipeline, on top of the tanks, and at destination points to manually operate valves and watch for leaks. Now, everything is monitored on screen and controlled by the click of a mouse.

When the quake hit, the operator could graphically see the fuel moving in the tanks like waves, but there were no leaks. The fail-safe system alarms when unscheduled move-

ments occur and tank volumes near over-flow status, alerting the operator of potential problems. Tank-gauging sensors detect the exact amount of fuel in each of the 3.1 million-gallon tanks and identify as little as 1/1000 of an inch change in level. The centralized control provides the means to instantaneously start the transfer of fuel from a tank or pipeline to a safe location had a leak been detected. Without AFHE, thousands of gallons of marine or jet fuel could have leaked into the ground water or Puget Sound prior to detection and isolation.

There have been four other installations completed since 1997. Currently, installations are taking place at Pearl Harbor, Hawaii, and Norfolk, Va., with two more in the design stage for San Diego, Calif., and Jacksonville, Fla. Other potential sites are in Japan and Okinawa.

## Civilian guests no longer allowed at controls

In the wake of the Feb. 9 *USS Greenville* incident, Acting Secretary of the Navy Pirie directed the Chief of Naval Operations (CNO) and the Commandant of the Marine Corps to ensure that civilians on guest visits not be placed at the controls of DoN ships, aircraft, or other military vehicles. The Secretary of Defense expanded that guidance to all military departments, directing an immediate DoD-wide moratorium on permitting civilian visitors to operate any item of military equipment when such operation could cause, or reasonably be perceived as causing, an increased safety risk. Civilian guests are not allowed to participate in any events using live ordnance, small arms, or crew-served weapons. Additionally, civilians will not be exposed to small arms demonstrations in such venues as shooting houses. This policy is in effect regardless of how closely military personnel supervise the civilian visitors. Civilian and contractor employees who must operate military equipment as part of their official duties are not considered civilian visitors, and are not covered by this moratorium.

Civilian guest programs are intended to increase the public's understanding and appreciation for our Navy by providing opportunities to view the Navy in action — in direct interactions with our sailors, and in demonstrations of the unique capabilities of our naval forces.

These restrictions are not designed to prevent civilians from seeing their Navy, but to ensure their visits are conducted as safely as possible.

# Newly selected DP-IVs join the ranks of senior management

**Jim Reaves** is the technical operations manager (J71B) for the Intelligence and Information Warfare Systems Engineering Department. He coordinates the technical direction for the command's cryptologic systems development projects for surface ships, submarines, shore sites, ground mobile, aircraft, and counter-narcotics systems. It is Jim's responsibility to see that all major advanced cryptologic and radio direction finding systems development projects demonstrate technical leadership. He also researches new technology for possible insertion into cryptologic and radio direction finder programs, and is a cryptologic consultant to OPNAV sponsors, headquarters-level commands, operational fleet units, and other field activities.

After his discharge from the U.S. Air Force, Jim entered civil service in 1965 at the former Charleston Naval Shipyard as a limited electronics mechanic. In 1973, Jim graduated from The Citadel with a bachelor of science degree in electrical engineering and promptly transferred to NAVELX Charleston, a predecessor to SSC Charleston, as an instrumented TEMPEST engineer. Through the years, Jim has served as the Marine Corps ESS Division head, the command Total Quality Leadership manager, and Shipboard DF Systems Branch head.



**David Law** is the chief scientist and project manager in the Intelligence and Information Warfare Systems Engineering Department (J70). With over 16 years of government service, David transferred to SSC Charleston from SSC San Diego in June 2000. He currently manages \$13.5 million in project funding for over 30 Defense Advanced Research Projects Agency (DARPA) contracts — contracts which concentrate on: development, test and evaluation, and fielding of sensors and related systems associated with the tactical sensors program; technical direction for the classified advanced sensing technologies program; and coordination and development of initial concepts for force protection, precision targeting, and intelligence gathering programs. David is also developing new research and development programs based on DARPA sensors' transition and laboratory improvements.

David expanded efforts to include management and direction of several DARPA programs (i.e., the buoy camera system, Special Forces programs, and Operations Other Than War programs). Under NAVSEA, he developed the atmospheric transmission effort, which included a series of measurements for the Office of Naval Research. David also developed and tested a system that transfers vital signs and patient imagery from an ambulance to emergency rooms over cellular phone links.

David's current research is devoted to real-time sensor simulations and performance related to atmospheric propagation and sensor system performance, sensor data fusion, field organization algorithms, low power radio frequency sensor node communication networks, battery power management, and the development of new innovative imaging sensors for long-range surveillance and reconnaissance.

David has managed many Navy and DoD programs, including NAVSEA's photonics mast and DARPA's non-penetrating periscope program. With two bachelor of science degrees — physics and astronomy — from the Univ. of Arizona, and a master's equivalency in optics, David is DAWIA (Defense Acquisition Workforce Improvement Act) certified (level 3, Systems Planning, Research, Development and Engineering), and is a member of the Joint Services Future Arms Program. While at SSC San Diego, David earned an exemplary achievement award in 1993 and the Navy Meritorious Civilian Service award in 1998.



# New senior managers

(continued from previous page)



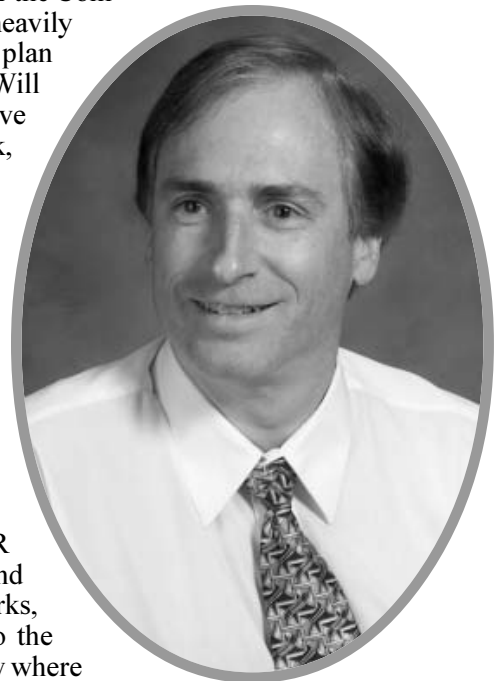
**John D. Lillard** is the Electronic Security Systems Engineering Division's (J70) National Capital Region (NCR) program manager. Physically located on the Washington Navy Yard, John provides NCR project support to Charleston-based coworkers. He also executes business development and marketing efforts to current and prospective clients around the NCR. Among his federal client list are the U. S. Mint, Department of Justice, Department of State, USDA, and the Smithsonian Institute.

John came to SSC Charleston from Ultrak, a manufacturer of electronic security, access control and CCTV equipment, where he was a federal systems technical sales representative. He provided system design, program management, and applications support to federal dealers, consultants and customers.

John's 15-year career began at Security Instrument Corp., an electronic security systems dealer/integrator, where he was instrumental in the formation of their customer service, engineering and integrated systems departments. Later, at Security Instrument, John gained extensive experience in consulting and design for banking, financial, government, and credit card facilities where he was responsible for the design and installation of more than \$30 million of security, fire, access control, and video systems. He has also managed the design and construction of large security communications and control facilities.

**Will Gex** (*pronounced jay*) is the business integrator for the Computer Information Technology Department (J40) where he is heavily involved in the implementation of the department's strategic plan and the formulation and execution of the overhead budget. Will also coordinates the projects and responsibilities of the five regions within the department — Washington, D.C.; Norfolk, Va.; Jacksonville and Pensacola, Fla.; and Charleston, S.C. As a fairly new department, most Charleston people know J40 as the old 091 IT division, administering the Charleston IT Local Area Network. Although the 091 division has become division 43, eight other divisions outside Charleston perform entirely different functions; mostly software development of business applications.

Born and raised near Cincinnati, Ohio, Will received a degree in mechanical engineering from Northwestern University. After six years of design, installation, and testing experience with Procter and Gamble, Will earned a masters degree in electrical engineering from San Diego State University. Following ten years with NOSC/NraD (SPAWAR predecessors) designing and developing communication and navigation systems for autonomous vehicles, neural networks, and real-time distributed systems, Will decided to head to the East Coast. He has been with this command for six years now where he has served as head of the Advance Technology Branch (J734) and the Software Engineering Branch (J635), lead the Y2K end-to-end testing of 200-plus SPAWAR systems, and was the Joint Information Systems Division's (J63) business process coordinator.





**Paulette Dillard** was recently selected to head SSC Charleston's Contracts Branch (J111). She has 34 years of federal service — all in the contracts arena. Paulette was a contract's team leader when she transferred to SSC Charleston following the merger of the contracts portion of the Naval Supply Center with SSC Charleston in 1995.

An employee of the year at the Naval Supply Center in 1988, Paulette earned a Meritorious Service Award in 1990 and a Superior Civilian Service Award in 1996.

Paulette received a bachelor of science degree in business administration and management from Limestone College in 1995 and a dual masters degree in business management and human resource development from Webster University in 1998.



**Tom Trueblood** is the senior logistics representative in the new Command Logistics and Customer Support Office (J0L). He provides corporate guidance pertaining to logistics issues, and is a direct liaison to headquarters' Corporate Logistics Office.

In July 1998, Tom participated in SSC Charleston's stand-up of the Corporate Logistics Office (then J09L). Since that time, senior logistics leadership at SPAWAR headquarters initiated a Systems Center logistics presence, and tasked Tom with coordinating interclaimancy and interdepartmental logistics issues.

Tom is a former Marine aviator who joined SSC Charleston in August 1995 — a transplant from the former SPAWAR headquarters in Washington, D.C. Initially, Tom worked as the program manager/logistician for the Revised Battlefield Electronic Communications-Electronic Operating Instructions system in the Information Assurance Engineering Division (J72). He is a DAWIA certified logistician, with fleet experience.

**Richard D. DeForest** is the new Air Traffic Control (ATC) Systems chief engineer (J31C). He is the Navy SPOC for implementation of the NAS Modernization Program at all naval ATC facilities worldwide — including coordinating the installation and integration of the Standard Terminal Automation Replacement System (STARS — a radar processing and display system), Digital Airport Surveillance Radar (DASR) and VIDS.

Rick is also coordinating the transition of people and labs from existing ATC facilities in Complex E on Southside to the new ATC engineering center which should be complete in late July.

Originally from Syracuse, New York, Rick moved to South Carolina to attend Clemson University in 1981. He graduated with a BSEE in 1985 and moved to Charleston where he began his civil service career in the Nuclear Engineering Department at the former Charleston Naval Shipyard.

Rick transferred to the former NAVELEX Charleston in the Radar Air Traffic Control Facility (RATCF) Engineering Division in 1987. As a project engineer for nearly ten years, Rick has experience with the majority of programs within that division. He received a Professional Engineer's (P.E.) license in 1994, and was promoted in 1997 as head of the ATC Facilities and Engineering Branch (J313). During that same year, Rick completed his master's degree in computer engineering through the APOGEE program at the University of South Carolina. He is also DAWIA Level III certified in the Systems Planning, Research, Development and Engineering career field and a member of the Acquisition Professional community.



# CHIPS Magazine

By Sharon Anderson  
CHIPS Editor

## Introduction

We are proud to announce that *CHIPS* magazine celebrates its 19<sup>th</sup> year in publication in 2001! *CHIPS* magazine continues to follow its founding motto — *Dedicated to Sharing Information, Technology and Experience* by providing the most current information technology (IT) trends, programs, ideas and innovations. *CHIPS* magazine is funded by the Department of Navy Information Technology Umbrella Program (DoN-IT) Office, Space and Naval Warfare Systems Command, San Diego, Calif., and is sponsored by the Department of the Navy Chief Information Office (DoN CIO). *CHIPS* is published quarterly by the Space and Naval Warfare Systems Center, Charleston.

*CHIPS* reflects the changing IT world by following top DoN programs and policies. In 1999, many articles focused on Y2K concerns while the Spring 2001 issue focuses on the Navy Marine Corps Intranet (NMCI) and DoN eBusiness initiatives. *CHIPS* in conjunction with DoN CIO published a special Navy Marine Corps Intranet (NMCI) issue in July 2000. This special issue generated a lot of interest and feedback. We still receive requests for copies. In response to requests, *CHIPS* in collaboration with DoN CIO is publishing another special NMCI issue. Scheduled to be mailed to our readers in early May, the special NMCI issue will include articles by Joseph Cipriano, the Program Executive Officer for Information Technology (PEO-IT), the PEO-IT Public Affairs Officer, Electronic Data Systems (EDS), Commander Task Force, NMCI, and NAVAIR,

the first command to transition to NMCI. The special issue will also include an insert, which will list the services available from the NMCI contract.

## History

The first issue of *CHIPS* was published in 1982 as a newsletter titled *Chips Ahoy* by the Navy Regional Data Automation Center (NARDAC). Printed on standard white paper in black and white with

simple graphics, it was mailed to 2,500 naval personnel. Just as IT has evolved in the last 19 years, so has *CHIPS'* production. We now take pleasure in a readership in excess of 500,000 comprised of the Department of Defense, other government agencies, academia, and private industry partners of the DoN. *CHIPS* is now printed using four-color process in a slick magazine format to enhance graphic images, providing attractive visual appeal, as well as informative content.

In 1987 we created *Chips OnLine*, an ASCII text edition mailed over the Defense Data Network (DDN) to 250 host

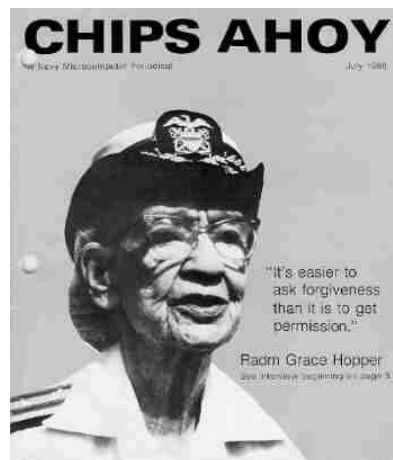
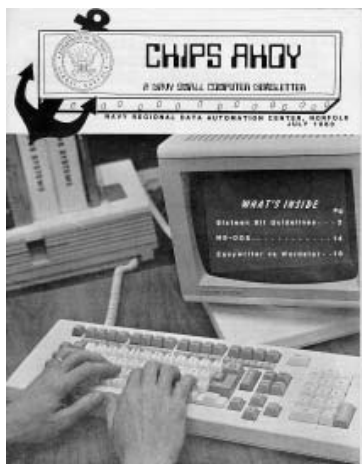
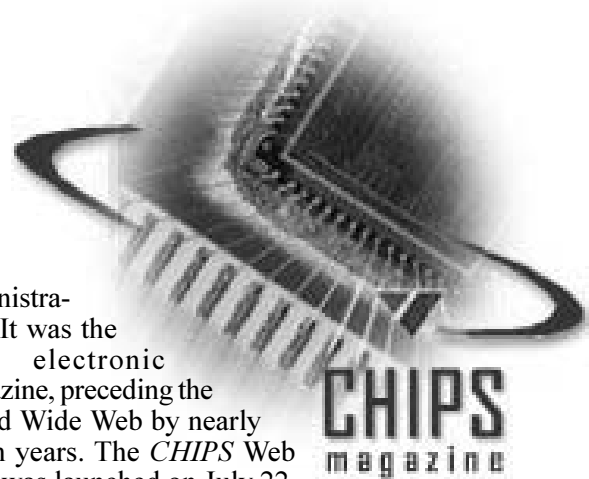
administra-

tors. It was the first electronic magazine, preceding the World Wide Web by nearly seven years. The *CHIPS* Web page was launched on July 22, 1995, with the number of hits per month increasing from the initial 8,567 to over 600,000. DoN-IT Umbrella Program team member and Code 64 Webmaster, **Mark Williams**, assisted by team member, **Tony Virata** provide continuous enthusiastic and untiring Web support. Currently, we are working to comply with Section 508 of the Rehabilitation Act, as amended by the Workforce Investment Act of 1998, to assure the *CHIPS* Web site is accessible to disabled federal employees and customers. Jared Judy of the DoN-IT Umbrella Program team is assisting with this effort by performing a thorough review of the *CHIPS* Web site. Jared is a co-op student from Christopher Newport University. In his short time onboard, Jared quickly impressed management and his co-workers with his abilities and willingness to take on new challenges. Coming soon is a new *CHIPS* Web page designed by **Janet Carter**, instructor and graphic designer of the SPAWAR Systems Center Charleston Technology Training Center. Keep checking our Web site at [www.chips.navy.mil](http://www.chips.navy.mil) for a new and improved look. Janet frequently assists with special graphics in *CHIPS* too and just designed the new *CHIPS* logo.

*CHIPS* content has expanded keeping in step with the Information Age as dramatically as our readership and methods of delivery. In the April 1986 issue, we advertised the newly awarded Z-248 contract featuring an advanced system comprises an 80286 processor running at 8MHz, with 512K RAM, a single floppy disk drive and a 20MB hard drive — a bargain at \$1,658! We continue to provide information on the DoN-IT Program contracts but the current selections reveal technology far advanced from those

early days with a greater variety of hardware, software, IT services, and options for purchasing.

In *CHIPS* early years, Rear Adm. Grace Hopper, a pioneer in DoN technology development, was a kind of mascot and great fan of *CHIPS*. She often provided encouragement, with her unique blend of humor and







Above, David Chapman, Technical Services Branch head (J641); top center, Janet Carter, SSC Charleston Technology Training Center instructor and graphic designer; center right, DoN-IT Umbrella program team members, webmaster Mark Williams (J64), standing (l-r), Jared Judy and Tony Virata;



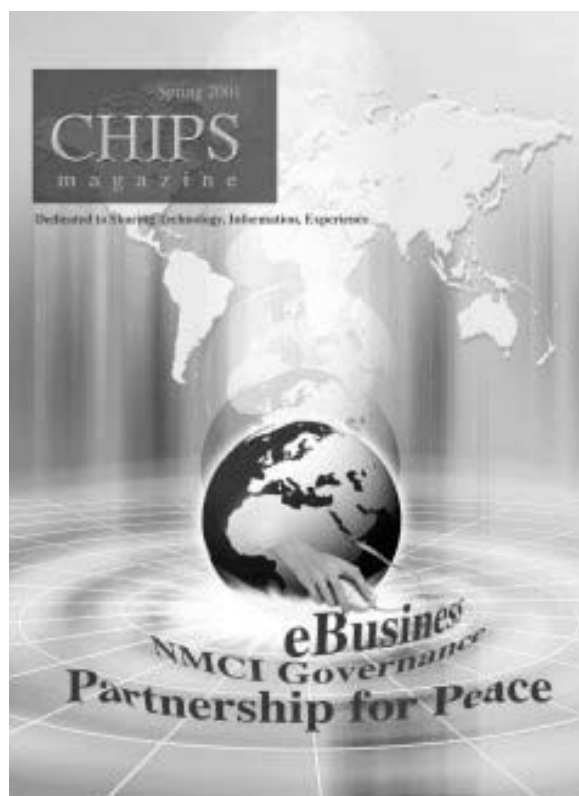
and the CHIPS Team (above, l-r), Tom Davis, Technical Information and Services section head, Nancy Reasor, assistant editor, and Sharon Anderson, CHIPS editor.

good sense to *CHIPS* Editor, Diane Hamblen. Beginning with Diane's first interview with Rear Adm. Hopper in 1986 and continuing for many years, Rear Adm. Hopper was generous with her time and good advice. Beloved by all who were privileged to know her, Grace Hopper embodied the kind of "think out of the box" philosophy that *CHIPS* strives to convey to our readers.

## CHIPS Now

The *CHIPS* staff has changed over the years too. Diane retired in 1998 with 47 editions on the *CHIPS* watch. Several editors followed Diane with other organizational changes. Our current leadership team is headed by **David Chapman**, Technical Services Branch head (J641). David is the chief reviewer for technical articles. It is no secret that David is technically brilliant and always on the leading edge of current IT issues and trends, but what is really amazing to me is his memory for old television programs and all kinds of trivia that is often mixed in the articles we edit. He is amazing! Second in command, is **Tom Davis**, Technical Information and Services section head. Tom troubleshoots problems and provides unwavering support so **Nancy Reasor**, *CHIPS* Assistant Editor and I can have the real fun of actually putting *CHIPS* together. Nancy joined the *CHIPS* team in late December 2000. She has 20 years of IT experience and is a former grade school teacher. Nancy brings diverse skills to the assistant editor position and is a joy to work with. I'm also fairly new to the *CHIPS* team but I felt right at home from the very beginning, probably because I have been a *CHIPS* fan since 1988. And also because I work with such a great team consisting of contributors from DoN CIO, the DoN-IT Umbrella Program, Norfolk and San Diego, SSC Charleston and, of course, *CHIPS* talented authors.

If you are not a *CHIPS* subscriber, you should be — visit us online at [www.chips.navy.mil](http://www.chips.navy.mil) and sign up for your free copy now and consider becoming a *CHIPS* author. You can pick up the Writing Guidelines by going to our Web site. In the last few issues we've had articles written by personnel from SSC Charleston, SSC Charleston Norfolk Office and SPAWAR Europe. We want to hear from you!





## Frequently Asked Questions

The following list of frequently-asked questions (FAQs) is intended to provide a better understanding of the NMCI contract and how it affects us. This article is reproduced with permission of *Wave-lengths* (January/February 2001), an employee digest of events and information for the employees of Naval Surface Warfare Center, Carderock Division, and adapted as needed for SSC Charleston employees (as provided by Nelson Ard, J40E).

### Q. What is the Navy Marine Corps Intranet (NMCI)?

A. The United States Navy and Marine Corp entered into a long-term contract (five base years and three optional years) with Electronic Data Systems (EDS) to build and maintain a secure department-wide network that will provide data, video, and voice communications for sailors and Marines.

### Q. What is the goal of NMCI?

A. NMCI is intended to eliminate stovepipe systems and modernize the way DoN and Marine Corps does business. It will get the government out of owning and operating information technology systems and transfer that function to a fee-for-service contract with the private sector.

### Q. Is utilization of the NMCI contract mandatory?

A. Yes. All DoN and Marine Corps activities are mandated to use this contract.

### Q. Who was awarded the NMCI contract? When was it awarded? How much was it awarded for?

A. This NMCI contract was awarded to Electronic Data Systems (EDS) on Oct. 6, 2000, which was less than ten months from the date that it was issued. This five-year firm-fixed-price contract was awarded for \$6.9 billion. It includes three optional years.

### Q. Does EDS have a team to provide DoN and Marine Corps with reliable service?

A. EDS formed an Information Strike Force (ISF) team to combine their strengths with other world-class firms. The team includes Raytheon, a leading provider of high-tech defense systems and superior security expertise; WorldCom, a premier global communication provider;



and WAM!NET, a global firm that specializes in electronic delivery systems. This team will join with other companies such as Microsoft, Dell, and Cisco to deliver the systems. EDS will subcontract 40 percent of contract services to small businesses and minority- and women-owned firms.

### Q. How will the NMCI benefit the Navy and Marine Corps?

A. The NMCI will allow military services to quickly and securely share knowledge and information; it will reduce the cost of data, video, and voice services; it will eliminate interoperability problems; it will remove access, connectivity, and throughput as impediments to productivity and speed of command; and the NMCI will provide a seamless migration and implementation of current infrastructure and applications onto the NMCI environment with minimal negative impact on current and projected operations.

### Q. How much money will the NMCI contract save the DoN?

A. It is difficult to determine how much money the DoN will save at this time. The savings will be a result of the increased security and interoperability for the DoN and Marine Corps across the term of the contract.

### Q. What service area will the NMCI contract include?

A. EDS will provide service to the entire DoN and Marine Corps throughout the Continental United States (CONUS), Alaska, Hawaii, Guantanamo Bay (Cuba), Puerto Rico, and Iceland.

### Q. When does SSC Charleston intend to implement NMCI?

A. Current planning shows all locations of SSC Charleston beginning the NMCI transition on or about Oct. 1, 2001 (second increment).

### Q. What is EDS' transition approach to implement NMCI?

A. EDS designed the following five-phase transition approach:

*Phase 1* — Workforce Development (approximately 90 days). Assumption Operating Responsibility (AOR) starts at the end of Phase 1 (on or about Jan. 1, 2002).

*Phase 2a* — Detailed Engineering/Design and Build (approximately three months).

*Phase 2b* — Equipment Transformation/Service Transition (approximately three months). Cut-over EDS will start assessing existing desktops.

*Phase 3* — Achieving and Testing service level agreements (SLAs) (approximately two months time frame). Initial Operation Capability (IOC) starts at the beginning of Phase 3.

*Phase 4* — Continuous Improvement/Optimize.

*Phase 5* — Feedback/production.

**Q. What phase is SSC Charleston in?**

A. We have not yet begun.

**Q. Will there be a contract evaluation period?**

A. Yes. Congress is requiring that EDS pause the contract during the second quarter of implementation to evaluate the contract performance and determine if DoN and Marine Corps are satisfied and if any adjustments need to be made. During this time, the first quarter implementers will continue to receive service; however, no additional DoN or Marine Corps activities will transition to NMCI.

**Q. Who is leading the NMCI program for DoN?**

A. The Program Executive Office (PEO) Information Technology (IT) is leading the NMCI effort for the entire DoN and Marine Corps.

**Q. Who is the NMCI Project Manager for SSC Charleston?**

A. Joe Weed (J433JW) is leading a cross-department team for local implementation.

**Q. What is a seat?**

A. A seat includes the PC, network, and security hardware, software, hardware/software maintenance, hardware/software refresh, email, Web access, two unclassified user accounts, LAN/WAN/MAN connectivity, NIPRNET access, help desk support, desk-side support, shared network printing, network file sharing, directory services, training, 50MB email/calendar storage per account, and 200MB network personal file storage per account.

There are three seat types: fixed workstations (red, white or blue); portables (basic or high end); and embarkables (full and limited). Upgrades such as high-end, mission critical, or classified connectivity are available for some of the seats. The hardware and software specifications of the seats can be found on EDS' web site at <http://www.eds.com/nmci/catalog.html>.

**Q. How often will seats be updated?**

A. Seats will be refreshed when they fall below minimum Service Level Agreement (SLA) levels according to the contract, not by calendar age. This means that folks who have desktop rockets should not expect a new seat in three years, or for that matter, a new Dell PC when we reach transition.

**Q. What happens to my current workstation?**

A. The monthly seat price already includes a credit for the purchase of all *as-is* infrastructures that fall under NMCI. If your workstation is capable of meeting all SLAs, is similar to the hardware included in the seat type you ordered, and is compatible with the architecture of NMCI,

it may be left in place. If your current hardware does not meet the requirements of NMCI, it will be replaced.

**Q. What if we just purchased new PCs? Will we get additional credits in the seat price?**

A. No, the credit for new and existing DoN IT assets has already applied to the monthly service price.

**Q. Will Apples and Macintosh systems be supported under NMCI?**

A. No. The NMCI solution is Microsoft OS based. The Information Strike Force will not provide support for Apples and Macintosh systems. The NMCI team will work with Apple and Macintosh users to determine their requirements and the need for their continuing use.

**Q. Will I be able to keep my existing system and peripherals (e.g., printer, scanner, etc.)?**

A. Initially, yes. But if your existing, Windows 2000 compatible peripheral breaks after NMCI arrives, you will not be able to replace it in kind. You are expected to replace it from the NMCI contract (e.g., CLIN 0023).

**Q. How do I order peripherals?**

A. Peripherals including zip drives, copiers, scanners, fax machines, modems, personal digital assistants (PDAs), etc., can be ordered through CLIN 0023. The DoN has not approved the prices of these optional items yet; however, it does include hardware/software, installation, maintenance, support, and refresh associated with it.

**Q. Who will pay for the NMCI cost and how much will it cost?**

A. SSC Charleston is responsible for the cost of NMCI. Management is currently determining what portion of NMCI will be covered by corporate overhead G&A (general and administrative) and what portion will be funded by indirect overhead.

**Q. What information will EDS need from SSC Charleston to ensure a smooth transition?**

A. EDS will need a base map of all of the buildings being used by the command, and a floor layout diagram identifying the exact location of the entire information technology infrastructure. EDS will also need a list of all of our current IT inventory "as is" and our future IT requirements "to be." Key members on the NMCI team will determine the best way to collect this information.

**Q. Who will monitor EDS' performance? Will EDS receive an incentive if they exceed the basic services in the contract?**

A. EDS will use a system to monitor their performance to track metrics and feedback (including surveys, emails, hot lines, etc.), which will assure that they are meeting the SLAs identified in the contract. SSC Charleston will also develop a method to track and verify the accuracy of EDS' performance. Incentives will be given to EDS for performance that exceeds the SLAs.

**Q. How will legacy applications be handled under NMCI?**

A. Legacy applications, servers and systems must be

declared to SPAWAR headquarters and to EDS 45 days prior to arrival on site. While EDS will maintain current connectivity for legacy applications, all applications using the NMCI infrastructure must be assessed by EDS if implemented on the NMCI desktop. The cost for this evaluation, and who bears that cost, is not currently established. Further, all legacy applications, servers and systems must eventually comply with the NMCI security model and firewall policy. SPAWAR project engineers can continue to manage and maintain their legacy systems and use CLIN 0027 to connect them to the NMCI infrastructure. In addition, NMCI offers CLIN 0029 (legacy system support) to order operation and maintenance services from EDS for legacy applications. The cost for this service would be negotiated and a statement of work (SOW) would be developed to identify the specifics of this agreement.

**Q. What will happen to the IT personnel, who are currently performing these IT services, once we transition to NMCI?**

A. IT personnel currently performing NMCI-like functions will have a few options once SSC Charleston transitions to the NMCI contract. They will have the first right of refusal to take a job with EDS and receive a 15 percent salary increase, sign-on bonus and guaranteed three-year employment; or they could stay employed by SSC Charleston in other computer-related jobs. SSC Charleston plans to ensure that all affected personnel are notified in advance, and HRO will work with them in reviewing their options as indicated in the DoN Civilian Personnel Implementation Plan.

**Q. Are there any restrictions in procuring IT contracts or equipment now?**

A. Yes. Contact your IT logistics coordinator for details.

**Q. Will all systems be accredited in accordance with DoD requirements? Who will be responsible to accredit the systems?**

A. Once EDS takes over the operation and maintenance of the majority of SSC Charleston's IT infrastructure, they will be responsible to accredit all systems to operate prior to utilization.

**Q. How will the tenants, who are on the DoN and Marine Corps IT backbone be affected by NMCI?**

A. A memorandum of agreement (MOA) will be developed between the DoN and Marine Corps activity and the tenant activity identifying the connectivity details. Tenants may be subject to the terms and conditions in the NMCI contract.

**Q. Will the Public Key Infrastructure (PKI) be supported under the NMCI contract?**

A. Yes. EDS will provide the smart card readers with each basic seat and the DoN will be responsible to provide all DoN employees with smart cards.

**Q. Should I expect a period of downtime when SSC Charleston transitions to NMCI?**

A. No. You should experience no loss of service and a minimum period of disruption as EDS personnel assess your system and connect it to the NMCI.

**Q. Will SSC Charleston receive a credit for all of the equipment that EDS takes ownership of?**

A. The credit for our existing IT equipment has been calculated into the price of the NMCI contract line items through the sale/exchange clause in the contract.

**Q. Once SSC Charleston transitions to the NMCI contract, will there be a central IT help desk and what will be the response time?**

A. EDS will have a local IT help desk person who will be available seven days a week, 24 hours a day and will respond within 48 hours maximum.

**Q. Is there a limit to the number of help desk calls that I can make per year?**

A. You will be able to call the EDS help desk line whenever you need IT services just like you do now; however, you will be limited to one FREE move, add or change to your system per year. Additional moves, adds or changes to your system during the year can be procured under CLIN 0026 (additional moves, adds, and changes) at an additional cost.

**Q. Will EDS support our unique software? How can I order specialized software in the future?**

A. Unique software will be handled on a case-by-case analysis and can be ordered under the optional user capabilities (CLIN 0023). Prices vary for this CLIN.

**Q. How will classified machines be affected by NMCI?**

A. Under the NMCI contract, specified personnel will have the clearances required to support classified machines just as some desktop support personnel do today. There are contract line item numbers (CLINs) in the contract that specify the procurement of classified processing support. However, classified seats are ordered under the NMCI contract only to the extent that they provide contract services.

**Q. What are the advantages and disadvantages of a Thin Client Seat?**

A. Thin Clients are best suited for task-based applications (such as updating personnel records or stock and inventory functions) when deployed in groups of 20 or more users with a defined departmental strategy. Thin Clients work best in environments with short duration application use or very predictable application demand. Not to mention, that thin clients are \$50 a month cheaper. Thin Clients are not suited for users who require a variety of unique, powerful applications to reside on their desktop or users who require high-end or mission-critical hardware or service levels.

**Q. If I currently have a desktop and a laptop, which CLIN should I order?**

A. Unless you have a very specific requirement for two PCs, ordering a CLIN 002 Portable Work Station alone should meet your needs. When in your office location, you can use the docking station (which includes a separate monitor, keyboard, and mouse) and effectively have a desktop workstation. When on travel, you can remove the laptop from the docking station. However, if you specifically require two separate workstations, you can order a Red,

White, Blue or Thin Client workstation seat, as well as order a CLIN 002 Portable Seat.

Department heads will manage their requirements within available budgets.

**Q. Can I use my home PC to access my NMCI email?**

**A.** No. NMCI security requirements do not allow access to NMCI through home PCs and Internet Service Providers. Users who require access to their NMCI email while out of their office are most effectively served by a CLIN 002 Portable Seat, which includes remote access. The definition and capabilities of the CLIN 005 Hybrid seats are being reevaluated. A hybrid seat may also offer a way to access NMCI from home.

**Q. Where can I find the NMCI contract and a description of the Contract Line Item Numbers (CLIN)?**

**A.** The entire NMCI contract can be found on <http://www.contracts.hq.navy.mil>. You can also get complete up-to-date information on <http://www.peo-it.navy.mil/nmci.html>. SSC Charleston employees should check for regular updates on the SPAWAR Knowledge Center (<https://skc.spawar.navy.mil>).



## Is your web site '508' compliant?

*By Arlene Sports, J0A6AS  
Command Webmaster*

Section 508 of the Rehabilitation Act establishes requirements for all electronic and information technology developed, maintained, procured, or used by the federal government. The US Access Board (USAB) defines electronic and information technology as follows: "Information technology includes computers, ancillary equipment, software, firmware and similar procedures, services (including support services), and related resources. Electronic and information technology includes information technology products like those listed above as well as telecommunications products (such as telephones), information kiosks and transaction machines, World Wide Web sites, multimedia, and office equipment such as copiers, and fax machines." Section 508 does not, however, apply to national security systems, as defined by the Clinger-Cohen Act of 1996.

On Aug. 7, 1998, the president signed into law the Workforce Investment Act of 1998, which includes the Rehabilitation Act Amendments of 1998. Section 508 requires all electronic and information technology provided by federal agencies to be fully accessible to people with disabilities – including employees and the public. One example would be to remove all color-specific references as links (e.g., click on the red button) for those who are color blind.

On March 31, 2000, the USAB issued a notice of proposed rulemaking (NPRM) in the Federal Register (65 FR 17346) proposing electronic and information technology accessibility standards. The final standards, which can be viewed on USAB's web site at **[www.access-board.com](http://www.access-board.com)**, were issued Dec. 21, 2000.

Acting Secretary of the Navy, Robert B. Pirie, Jr. released initial guidance on the DoN's approach to Section 508/Compliance Standards implementation in a March 15, 2001, ALNAV message in which he reiterates the June 21 compliance date. In that message Pirie states, "...it is incumbent on the DoN commands to ensure web sites and information technology processes, including internet and intranet, which may be accessible to the public as well as DoN persons with disabilities, meet Section 508 standards."

SSC Charleston is diligently working to achieve the June 21 compliance date. Further guidance and training for web developers will be issued when available. Capt. Deitch appointed **Dawn Hoffman** (J434DH) as the Section 508 coordinator. If you are a web developer and have questions about your site's accessibility, please contact Dawn. As the echelon 3 point of contact, Dawn will report directly to the SPAWAR headquarters point of contact, **Cyndi Burgunder** (08-2).



According to the Program Executive Office for Information Technology (PEO-IT), NMCI...

- Will enable faster, better, more secure decision-making
- Will replace thousands of independent networks with one secure network
- Will ultimately provide a seamless flow of information among all shore facilities
- Will be an integral part of the Global Information Grid
- Will provide voice, video and data communications for all civilian and military personnel within the DoN, including deployed forces
- Will include training, maintenance, operation and infrastructure
- Is a long term, performance-based contract for a standardized end-to-end information service
- Is based upon customer needs and customer satisfaction
- Includes a strong commitment to DoN IT personnel and small business issues
- Demonstrates DoN's commitment to its revolution in military affairs and business affairs.

# Year-long DLAMP rotational assignment completed

By Michael McBeth

Communication Systems Department (J50E)



On Jan. 15, I completed a one-year career broadening rotational assignment with the United States Joint Forces Command in Suffolk, Va. This assignment fulfills one of three developmental requirements for the Defense Leadership and Management Program (DLAMP) — the other two include a senior-level professional military course and ten advanced graduate-level courses in defense and business related topics.

During this assignment, I worked in the Joint C4ISR Battle Center as the Navy deputy on a Joint test and evaluation (JT&E) project. The project is called JCOBIAA, which is short for Joint C4ISR Outcome-Based Integrated Architecture Assessment. This JT&E project allowed me to meet and brief flag officers and SESers [members of the Senior Executive Service] from all the services and the Joint staff. It's not always easy convincing top management that your project is necessary, feasible, and worth their endorse-

ment — your work must be identified in terms they value.

When not engaging stakeholders on JCOBIAA's merits, I worked on the project's technical details and led an extensive team research effort into assessment methodologies and metrics — agreeing on an adaptation of the NATO Code of Best Practice for Command and Control assessment. I worked closely with **Phil Charles**, SSC Charleston's chief systems engineer, and others, to improve the NATO process by adding an interoperability risk assessment to its front end.

I presented a technical paper last June describing these ideas at the 2000 Command and Control Research and Technology Symposium held at the Naval Postgraduate School in Monterey, Calif. The paper was well received by attendees including Stuart Starr of MITRE, one of the original architects of the NATO Code of Best Practice.

Although my rotational assignment officially ended in January, my work with the JCOBIAA team continues. The team is preparing for their third and final Technical Advisory Board (TAB) presentation scheduled for May 15-17, 2001, at SSC Charleston. Approximately 100 attendees from across the Department of Defense's test and evaluation community are expected to participate.

*"Mr. McBeth has been absolutely essential to the success thus far of our project. Not only is he technically competent, he inspires excellence within the JCOBIAA team, and is a superior leader as well."*

*—Capt. Roberta "Bobbi" McIntyre  
JCOBIAA Study Director*

## CEJC names their engineer of the year for 2001

**Marilene Guardia-Baker**, an engineer on the Communication Systems Department's staff (J50E), chairs the Charleston Engineers Joint Council (CEJC).

At the CEJC's 50<sup>th</sup> National Engineers Week banquet on Feb. 22, Marilene presented an award to Larry Hartgrove, senior vice president of Life Cycle Engineering, who was named CEJC's Engineer of the Year for 2001.

South Carolina State Senator Glenn McConnell, the banquet's keynote speaker, spoke to a sold-out crowd of engineers and students about the technologies used in the study and preservation of the *H.L. Hunley* submarine at the Warren Lasch Conservation Center.



**S.C. State Senator Glenn McConnell, Marilene Guardia-Baker, and Larry Hartgrove**



# New database tool certified

By: Marsha Hassell, Public Affairs Officer  
and Gary Musil, J34GM



Pictured from left, Jerry Fowler, SSC San Diego project engineer; Gary Musil, J34's administrative specialist; and standing, Army Major Tom Cook, deputy JCAPS DoD program manager.

## Thanks...

to the following SSC Charleston personnel who provided exceptional assistance to ensure the JCAPS Certification and Accreditation was a success!

**Carolyn Shaw** (J30S), administrative assistant; **Fredda Clark** (J30P) and **Sandy Maust** (J34P), financial support; **Kevin Charlow** (J32A), **Mike Brig** (324MB), and **Bill Largin** (J30BL), JCAPS program support; **Vincent Feaster** (J723VF), security assessment; **David Gissentanna** and **Bob Rozar** (J40BR), IT support; **James Bryan** (J0DJB) and **James Clark** (J0DJC), training support.

**O**n Feb. 14, 2001, during a modest ceremony, Army Major Tom Cook, deputy program manager for the Joint C4ISR Architecture Planning/Analysis System (JCAPS), Directorate of Architectures and Interoperability (A&I), Office of the Deputy Chief Information Officer, Department of Defense, proudly announced that the JCAPS prototype was fully certified and within budget. "We have reached a significant milestone," said Cook, referring to the forty-five months of teamwork expended to standardize JCAPS. "We owe a great debt of gratitude to Army Lt. Col. Renee Puzio, A&I Deputy for Data and Configuration Management, for her efforts and a great debt of gratitude to SSC Charleston and San Diego for helping make this program successful," said Cook.

JCAPS, developed by Logicon for A&I, is a custom distributed database application designed to capture all information necessary to describe architectures in accordance with the *C4ISR Architecture Framework Version 2.0*. JCAPS provides a flexible set of architecture development tools, and can be used to access, manipulate, and analyze currently documented information exchange requirements (IERs) from multiple sources. It is also used to quickly document new IERs, as well as provide essential operational and systems view products. This certification will facilitate placement on secure internet protocol router networks, by sites, to share architectures and data.

Truman Parmele (JCAPS program manager), dealing with budgetary and talent constraints, sought SPAWAR's existing expertise to provide certification and accreditation testing. Arnold Rausch (JCAPS program office support/SETA contractor) managed the entire testing effort. **Phil Roberts** (SSC Charleston's Surveillance and Systems Engineering Department's deputy, J34) and **Gary Musil** (J34's administrative specialist), along with SSC San Diego's Jerry Fowler (D87 information security specialist), provided the talent, facilities, equipment, and testing required to certify JCAPS. Testing, which began at SSC Charleston on Feb. 12, was completed Feb. 14. "This project brought two coasts together to work on a joint program, and they did it in very, very short order," Cook said. With SPAWAR's demonstrated success, A&I plans to solicit additional SPAWAR program support for JCAPS.

At the conclusion of the testing, team members were rewarded with a brightly colored stuffed *Puffin* and a card that read, "Stop your puffin. Shout, HURRAH, JCAPS just passed C&A."

# C4I Fly-Away team underway for 3<sup>rd</sup> time

By Lt. Jimmy Cox, USNR  
NR SPAWAR SSC Charleston DET 506

The Naval Reserve SSC Charleston Detachment 506 sent its C4I Fly-Away team underway for the third straight year—this time to support the *USS Shreveport* and the *USS Scranton*. This very successful SPAWAR program provides excellent experience for the reserve unit and provides another avenue for IT-21 support to the fleet.

The C4I fly-away team includes a core of sailors with strong backgrounds in both commercial and military IT systems. The team comprises system administrators, LAN administrators, network engineers, database programmers, multimedia service technicians, test engineers, and software engineers. This broad combination of civilian and military skills allows the team to hit the deckplates running and provides opportunity to train ships' forces in a wide variety of topics.

The 15-member team, lead by unit commanding officer Cmdr. Chuck Adams, embarked *USS Shreveport* on Feb. 25 for a 15-day period. The team focused on testing and grooming the networks used by both the ship's force and the embarked Marine Landing Force. Team members configured switches, installed software, repaired servers, traced cabling, and numerous other activities to upgrade network efficiency. The underway period provided opportunities for extensive training of the ship's force in networking con-

cepts including network technologies, switching, routing, protocols, network administration, and network management. The *USS Shreveport* warmly received the assist team and looks forward to continuing support.

*USS Shreveport* communications officer Lt. Mike Coleman describes the team as "extremely professional, well rounded and technically balanced." Lt. Coleman said the team "offers the appropriate level of support for LPD and LHD — both the ability to provide training from an instructor's perspective and the hands-on approach appropriate for the deck-plates." The FAT's assistance on a router issue was "a big one" enabling him to control LAN traffic on and off the ship.

While in port, the team visited the *USS Scranton* providing further assistance to the fleet. Again the focus included grooming the network for enhanced performance, establishing network back-up routines, and training in network performance monitoring. This mini-assist was well received by the ship and SPAWAR left another customer satisfied.

Cmdr. Adams said, "The fly away team is an outstanding use of Navy assets. It provides the fleet inexpensive access to valuable IT-21 skills that aren't provided by other sources. It extends SPAWAR effectiveness by increasing face time on the deckplates with the customer." *Shreveport's* commanding officer, Capt. William Valentine, said, "*Shreveport* supports the concept of periodic visits from professionals such as the C4I Fly Away Team and looks forward to support planned for later in the year."

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## Carvil's team earns Defense Standardization award

During a ceremony and reception at the Pentagon on April 12, Lou Kratz, Principal Deputy Under Secretary of Defense for Logistics Architecture, presented an award to **John Carvil** (J34D/Norfolk) and engineers Phil Foreman, Jim Davey, Ken Kee, and Joseph Gentile. They received the Defense Standardization Award for their work on the ring laser gyro navigation system, which replaced three antiquated legacy systems. Carvil directed and coordinated the group's efforts in the successful conduct of the techni-

cal evaluation phase and provided direct management for fleet installations.

Carvil and fellow team members' primary challenge was moving Navy navigation from independent systems, which require their own costly support infrastructure, to systems based upon standard components and specifications. The end result is a new system that can be fielded in a relatively short period of time, significantly less expensive to acquire and maintain, and is easily upgraded.

Our deepest sympathy is extended to the family, friends, and coworkers of **Betty Parks**, former NAVELEX Portsmouth employee, who died Feb. 22 following a long battle with cancer. The majority of Betty's 25-year civil service career was spent in the personnel office at NAVELEX Portsmouth. Following the 1993 BRAC decision to consolidate the four east coast engineering centers, Betty accepted a position as an administrative assistant with JFCOM.

**Carol Gartman** (J636/St Juliens Creek) said, "At JFCOM, as well as NAVELEX, Betty was extremely well liked. She was a genuinely nice person and a pleasure to work with."

Betty is survived by Don, her husband of 32 years; her daughter Kimberly, a recent Old Dominion University graduate; and a son, Doug, a high school teacher.

## *In Memory of...*



**Vincent A. Reid**, a DT-856-III technician in the Shore Cryptologic Systems Engineering Branch (J751), passed away March 7 at DePaul Medical Center in Chesapeake, Va., following a long struggle with cancer.

He was 53.

Vince, as his friends called him, was involved with the preparation of engineering plans to accommodate the installation of shore based cryptologic systems throughout the naval community. He traveled to various communication stations and Naval Security Group activities to monitor and supervise program installations.

Vince also coordinated hardware systems upgrades and antenna related issues associated with the development of J75's special compartmented information facility.

Known as articulate and mild-mannered, Vince's attention to detail earned him the respect of all his associates.

Born in Norfolk, Va., Vince was part of NAVELEX Portsmouth, when the merger of the four east coast engineering centers took place in 1994. He moved to Charleston shortly thereafter. Vince served in the U.S. Navy for four years and was a dedicated civil servant for 26 years. His knowledge, his expertise, and his daily presence will be sorely missed.

Our deepest sympathy is extended to Vince's family, friends, and coworkers. He is survived by his wife Ana Mari; three daughters, Paquita, Cynthia, and Michelle Reid Lundy; son-in-law Darrin Lundy; step-daughter Samantha Thorpe; two grandchildren, Daniel and Brittany Lundy; five brothers, three sisters, and a brother-in-law.

**Fletcher D. Riddick**, a DT-856-III technician in the Command Systems Branch (J635), passed away April 4 in Norfolk, Va. He was 55. A former resident of Chesapeake, Va., Fletcher moved to Charleston as a result of the BRAC consolidation of the east coast engineering centers. He was a graduate of Old Dominion University and served in the U.S. Navy Reserves from 1963 to 1970.

"Fletcher worked in the IPC (Integrated Products Center) as the operations and security manager, where he provided day-to-day support, and always ensured the IPC was ready for tours — whether high level military, political dignitaries, or a group of middle schoolers," said **Bill Richardson**, Fletcher's supervisor. "Fletcher was the gatekeeper for the IPC, controlling which new systems were installed, what floor space they would occupy, and which network assets they required. Under his direction, the IPC has run smoothly since its inception."

Before moving to Charleston, Fletcher was a valued employee of NAVELEX Portsmouth. He is remembered for his long-term efforts in support of the Combined Operation Center (COC) project in Keflavik, Iceland. **Bill**



**Purvis**, a coworker, said "the NATO Iceland project was Fletcher's finest hour. His intelligence, his insights, his technical expertise, and the enduring trust he earned from the NATO community were the driving forces which molded the project." For his efforts on that project, Fletcher was named employee of the year.

Another coworker in Portsmouth, **Charlotte Bauser**, said, "Fletcher mentored many engineers fresh out of school. In no time at all I knew who truly possessed the knowledge. On a daily basis you could hear me say, 'If you don't know something, ask Fletch, he knows everything!' I truly believe that and still do.

Having Fletcher as a mentor and friend was a great gift." Bill and Charlotte agree that their fondest memories come from Fletcher's humor and friendship during the most trying of times.

A friendly and familiar face to everyone who frequents the IPC, Fletcher will be sorely missed. Our deepest sympathy is extended to Fletcher's family, friends, and coworkers. He is survived by two sons, Lee Porter Riddick of Goose Creek, S.C., and Robert Duane Riddick of Chesapeake, Va., and a grandson, Austin Lee Riddick.

We are also saddened to hear of the death of a former NAVELEX Charleston retiree, **Glenn McWilliams**, who died March 18 in Charlotte, N.C., following a courageous battle with cancer. He was 79.

Glenn transferred to NAVELEX Charleston when NAVELEX New Orleans closed in 1978. He retired prior to the standup of NISE East. A Navy veteran, Glenn was

on board the aircraft carrier *USS Natoma Bay* during World War II.

Glenn is survived by his wife of 50 years, Frances; two daughters, Jane Tankersley of White Plains, N.Y., and Nan Mauney of Charlotte, N.C.; a son, Robert, of Atlanta, Ga.; and three grandchildren.

## On the road to

# SUCCESS



**D**avid Whitley is a young man on his way up the corporate ladder. It appears he knows what he wants out of life, and goes after it. Born in Charlotte, N.C., and raised in Spartanburg, S.C., David graduated from Spartanburg High School. “I wish I could say I wanted to go to Clemson all my life,” David said, “but the truth is that I couldn’t afford to go out of state, and Clemson was the best engineering/science school in the state.” And so it was, that David entered Clemson University to study chemistry.

When he wasn’t studying or just enjoying college life, David worked with the Clemson Network Services which provided IT support for the College of Engineering. Then he discovered SPAWAR through the co-op office at Clemson. “I needed a job that paid more than minimum wage, and one that I enjoyed,” David said. “I also knew that I would be more marketable after graduation if I worked part time at a place like SPAWAR.” He joined the SSC Charleston team in May 1998.

In his junior year at Clemson, David added computer science to his major. “I love working with computers,” David said, “and I realized that getting a good job with only a chemistry degree would be difficult.” With David’s love of computers, this was an obvious choice — one that seems to agree with him. As a co-op, David enjoyed travels to Redmond, Wash., for a Microsoft seminar; to Newport, R. I., for support of the Naval War College; and London, England, for exchange server support and Y2K testing.

In December 2000, David graduated from Clemson and began full-time employment in SSC Charleston’s Tactical C2 Systems Engineering Branch (J633) as a scientist, DP-1550-I. “When I came back,” David said, “I jumped on an opportunity to do some voice-over Internet protocol work in London.”

David is also enjoying his responsibility as a role model. Recently, David returned to Clemson with a team of experienced engineers for SSC Charleston’s interview process. There, he told of his experience with the co-op program and SPAWAR — a been there, done that, and I’d do it again perspective. “All the DP-3s in the world can recruit,” David said, “but the weight of someone their own age telling them that being a co-op is a great opportunity and fun, is tremendous.”

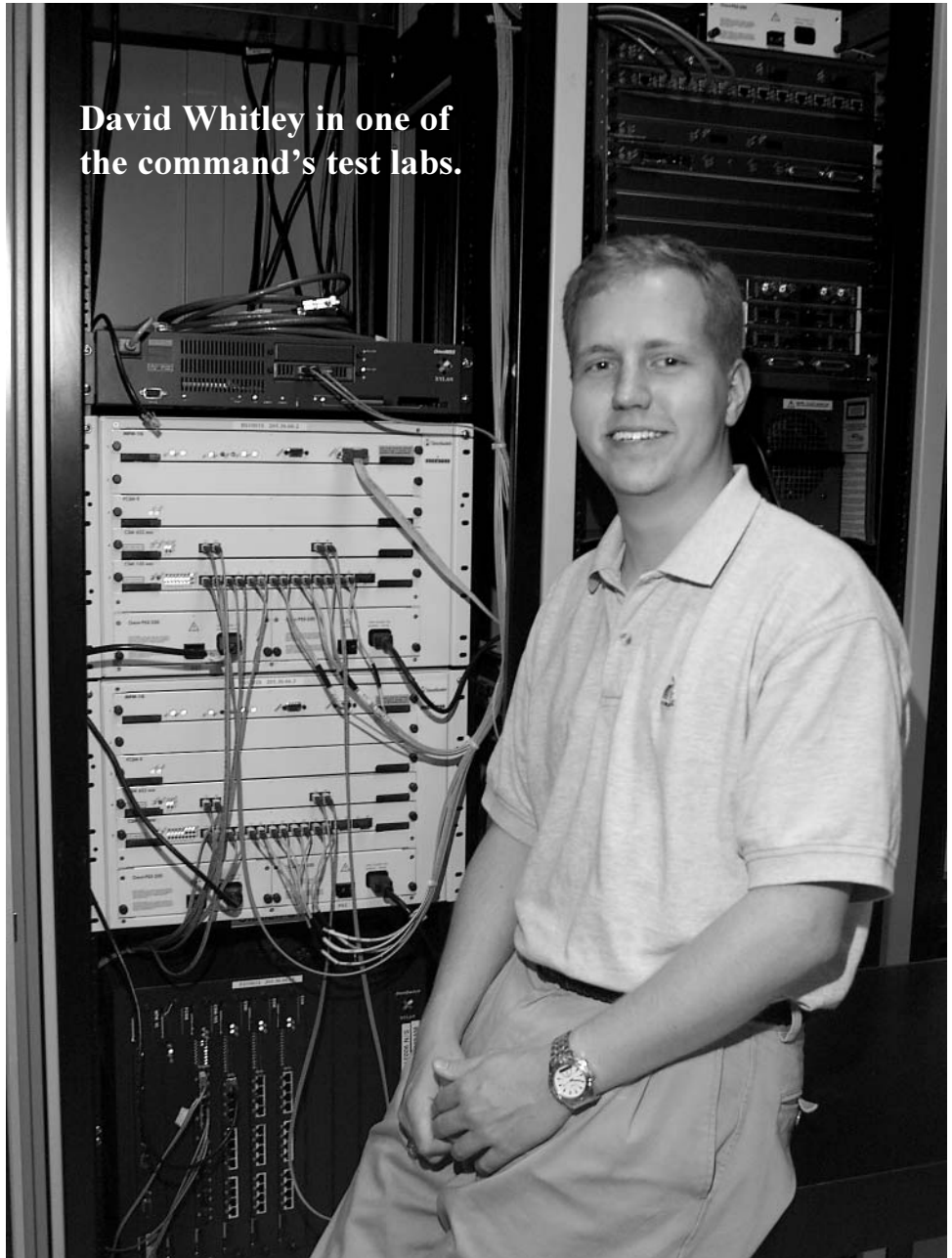
*By Lynda Silvers,  
Chronicle Editor  
(As told to Ron Alley by David Whitley)*

**David Whitley in one of the command's test labs.**

David thoroughly enjoys his work and conveys his enthusiasm, not only to co-ops, but to all new hires and potential hires. "I enjoy everything I do here," David said, "that's the beauty of SPAWAR, they put you to work at something you love. SPAWAR is really a unique place — the gathering of intelligence and experience here is perhaps the largest I have seen. The people are great, the technology is bleeding edge, and the work environment is excellent!"

To those who are just entering college, David said, "Even if you don't come to SPAWAR, co-op somewhere. It gives you an opportunity to make some money while getting experience in the field that you love."

Trying to maintain a balanced life, David finds time for fun, too. He enjoys scuba diving, volleyball, and role-playing games. Keeping an eye on the future, David plans to continue his education by entering a graduate degree program soon. "After that," David said, "the road is wide open." And we're confident that David's journey will be a successful one.



**"David's co-op experience has made him a much more valuable employee to J633. He is currently working with the Marines on an exercise at Camp Lejeune supporting J635. I would not have sent a new hire with three-months experience on this exercise. But with David's co-op experience, I could send him even though he's only been a full-time employee for just three months. I am sure his co-op experiences will prove to be an asset to him throughout his career — I know, because I, too, co-oped with the government. I am a firm believer in the program and will continue to support it in the future."**

**—Art Lazarow  
Head, Tactical C2 Systems  
Engineering Branch**

*(If you would like more information on opportunities at SSC Charleston, contact the recruitment coordinator at 843-218-4176, or send an email to [recruit@spawar.navy.mil](mailto:recruit@spawar.navy.mil).)*

# Meet **Charlie**, our officer-in-charge of complaints



*By Lynda Silvers  
Chronicle Editor*

**Photos by Mike Harrington, J326MH**

**M**ost of you who work at Charleston Naval Weapons Station's Southside facilities are familiar with Charlie, our resident alligator. Charlie has called the fenced in pond area, next to the main entrance on Remount Road, home for many years. Some of our newer SPAWARriors often ask about Charlie — is he real, where did he come from, what does he eat, how old is he, etc. And so, I thought I'd tell Charlie's story one more time.

Charlie, a native Charlestonian, is an American alligator — a common resident of the marsh and swampy areas from

the Carolinas, down to Florida, and over to Texas.

For us old-timers, it seems Charlie has always been there. The story goes that around 1954 Charlie and another alligator (name unknown) were rescued by a caring civilian employee on the then called Army Depot. Charlie and his friend, only 8-10 inches long in the beginning, lived for several years on a daily diet of tuna and egg salad sandwiches supplied by some of the base personnel.

Several years passed. Having the run of the Depot, they grew — and grew — thriving over the years from the cute little baby alligators that all of the Depot folks loved and



fed, into 11-foot reptiles. It wasn't illegal to hand-feed them way back then. For some unknown reason, one day Charlie attacked and devoured his fellow-alligator. Guess she(?) was eating more than her share of sandwiches.

The story also goes that Charlie once challenged a 4-horsepower lawn mower, settling that encounter by disabling the machine. The operator graciously got out of the way and allowed Charlie to have his way with the machine.

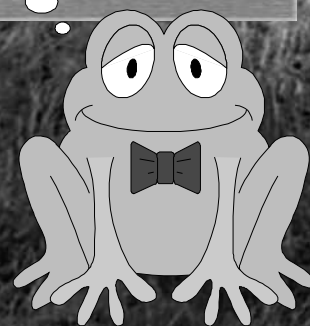
I suspect that it was somewhere around this time that Charlie's freedom days were numbered when one day — so the story goes — he showed up at the back door of the Depot's commanding officer for his afternoon feeding, totally oblivious to the fact that a new officer now resided within. There had been a change of command, and Charlie was not invited. It's said that the previous commanding officer neglected to inform the new officer of the daily routine. Can't you just imagine what it was like when Charlie showed up for lunch? Not too surprisnly, a fence was quickly erected around Charlie's pond, as it had become known, and Charlie was confined within its parameters, no longer free to roam the base looking for handouts. Sorry, Charlie. No more free lunches.

Two signs are now affixed to the fence — *Charlie's Place* and *Officer-in-Charge of Complaints* — and over the years, Charlie has become a legend in his own time, and a mascot of sorts for all those who work at Southside.

Charlie is now a mature alligator, approximately 16-feet long, who diligently watches the comings and goings of the traffic around Remount Road and Virginia Ave. When he's not on-watch, Charlie swims in the pond, or suns himself on the grassy banks, keeps the fish, amphibian, and reptile populations balanced, and keeps his domain trash-free. When it's time to cut the grass at *Charlie's Place*, workers come in pairs — one to keep an eye on Charlie, and the other to run the lawn mower.

American Alligators are protected by state and federal regulations as a threatened species, due to their similarity to the crocodile. Although Charlie basically grew up on a diet of prepared foods, it is now illegal to feed him, or any other wild animal. Since alligators cannot be tamed, feeding them can result in their mistaking a hand, or the whole body, for food. Despite their appearance, alligators are extremely quick and agile. They are capable of amazingly fast bursts of speed. Although Charlie's life began with hand-feeding, do NOT attempt to feed him now, and if you see an alligator in the wild, leave it alone. Attacks on humans are rare, but they do occur.

Charlie seems content with his habitat. He doesn't worry about new base commanders anymore (he didn't attend our last change of command), nor is he concerned with base closures, or downsizing, or the construction taking place on the base, or all the people coming and going every day. But I wonder if he ever longs for just one more tuna or egg salad sandwich.



## FLASH ~ Travel Advisory Potential Airline Strike — Spring 2001

By Kay Miller (J1231KM)

Business Services Department, Travel Section

A potential airline strike or work stoppage may occur during early spring to summer 2001. With approximately 93,000 federal government employees on travel on any business day, there will certainly be questions on what to do. While we are optimistic that a strike will not occur, GSA's Office of Government-wide Policy offers tips to ease the burden of traveling during this unstable period.

The four major airlines that may, or may not, strike are: American Airlines (AA); Delta Airlines (DL); Northwest Airlines (NW); and United Airlines (UA).

What happens if the government city-pair carrier that you plan to use is on strike?

Section 301-10.107 of the Federal Travel Regulation (FTR) lists exemptions to use of the city-pair contracts. Cancelled flights due to a strike is significant enough to allow use of one or more of the exemptions from use of a non-contract airline or alternative transportation as determined by your agency.

Here's another bit of advice:

→ Make travel plans early — do not wait until the last minute;

→ Be flexible — have a backup plan;

→ Have travel agency (TMC, CTO, etc.); airline and other emergency phone numbers ready for easy reference;

→ Ask your agency travel agent (TMC, CTO, etc.) to issue you a paper ticket in lieu of e-ticket if you are ticketed on one of the potential striking airlines — only paper tickets can be exchanged with other airlines. Additional costs may be charged to your agency by the agency travel agent (TMC, CTO, etc.) for the issuance and mailing of a paper ticket;

→ Check arrival/departure times frequently — call airlines prior to leaving home or hotel;

→ Check in early at the airport in case of last minute delays or cancellations — you may have better luck in rescheduling at airport;

→ Be prepared to use an alternative method of transportation (e.g., northeast corridor travelers can use a rail carrier to Philadelphia, New York City, etc.);

→ Advise your agency, before you travel, that you may incur additional costs if a strike occurs while in a travel status (i.e., lodging, non-contract airfares, etc.);

→ Postpone travel if not mission essential;

→ Use an alternative to traveling, such as teleconferencing, or conference calls;

→ Be aware of all the airlines that serve your destination. You may need to use a non-striking one.

HRO Bulletin — a Navy Region Southwest Human Resources Office Publication, April 2001

## Computer/Electronic Accommodations Program

In 1990, DoD established the Computer/Electronic Accommodations Program (CAP) to provide funds for the procurement of assistive technology, services and accommodations to disabled individuals to ensure they have equal access to the information environment and job opportunities in the Department of Defense. Since its inception, CAP has filled over 17,000 requests for accommodation throughout DoD and currently operates with an annual budget of approximately \$2.6 million.

The CAP was founded on the requirements of the Rehabilitation Act of 1973 which prohibits discrimination based on disability, requires affirmative action and mandates accessibility with regard to federal government employment. The Telecommunication Act of 1996 further increased those requirements by requiring telecommunications service providers and equipment manufacturers make their products accessible to people with disabilities.

The objectives of CAP are to assist DoD activities in providing assistive technology and accommodation services for individuals with disabilities, support DoD and federal government initiatives to employ and retain persons with disabilities, and support DoD programs and activities that are required to be accessible to the public.

Currently, the DoD employs approximately 2,800 disabled individuals that CAP accommodates. Studies conducted by federal government agencies indicate that only 22 percent of disabled employees need accommodations at the work site. Of those 22 percent who require accommodations, 70 percent of such "accommodations" cost less than \$500.

Accommodations provided by CAP include computer input/output devices, telecommunication devices, assistive listening devices, alternative forms of documents, captioning services and interpreter, reader and personal assistants, other technology and services to facilitate access. Additionally, items such as voice activated software, telephone headsets, foot rests, different types of mouse and keyboards, and in some cases adjustable, ergonomic chairs are also provided. A more detailed list of the accommodations provided within each disability category can be found at [www.tricare.osd.mil/cap/accommodations/accommodation.htm](http://www.tricare.osd.mil/cap/accommodations/accommodation.htm).

As work related injuries disable employees and decrease productivity, CAP has aligned with DoD and federal programs to offer prevention and accommodation services through education workshops, information dissemination, and accommodations for employees with dexterity disabilities. CAP's proactive approach to disability management offers employers assistance in addressing this growing health concern. The Healthy Work Practices Program includes education on ergonomics and teams CAP with Workers' Compensation officials to assist employees in their return-to-work process. Utilizing case reviews and a

needs-assessment process, the employees find unique methods of working in a revised, safer, and more productive environment. CAP ensures these employees are accommodated with the tools to ensure their continuation as active members of the DoD community. The Workplace Ergonomics Workbook provides detailed ergonomic information on chairs, workstations, lighting, healthy work practices, and much more.

To request assistive technology, services and accommodations, a CAP Accommodations and Services Request Form must be completed by the employee and supervisor along with a detailed justification of how accommodations will enhance productivity at the current job (medical documentation may be required). This request may be faxed to the CAP Office at 703-681-9075.

DoD supervisors and individuals often don't know what assistive technology is available. The CAP Technology Evaluation Center (CAPTEC), located in the Pentagon, was designed to assist DoD supervisors and individuals in choosing appropriate computer and electronic accommodations from a wide variety of assistive technologies.

For additional information about CAP and how to reach them, visit [www.tricare.osd.mil/cap](http://www.tricare.osd.mil/cap). If you need further assistance, please contact your local Personnel Management Advisor at [www.cnrsw.navy.mil/hrocnsw/office.htm](http://www.cnrsw.navy.mil/hrocnsw/office.htm).

## Are you in the 'right' retirement system?

Which retirement system are you in? The newer Federal Employees Retirement System (FERS), or the older Civil Service Retirement System (CSRS)? Which system should you be in? If you're not sure, read on.

**Shelly Dandridge**, head of our Civilian Personnel Support Office (J0A2), reports that the Federal Erroneous Retirement Coverage Correction Act (FERCCA), signed into law on Sept. 19, 2000, changes the rules for correcting errors in retirement coverage for some federal employees.

Determining your correct retirement system could make a big difference in your financial status at retirement. If you were inadvertently placed in the wrong system when you became a civil servant, you may now have a choice between retirement plans. You could also have an opportunity to make up contributions in your Thrift Savings Plan, receive lost earnings on make-up contributions, receive payment for certain expenses and losses related to correction of a retirement coverage error, and an opportunity to receive credit for civilian or military deposit service by taking an actuarial reduction in your retirement benefit instead of paying the deposit.

The Office of Personnel Management has established a website with information to help determine if you are affected — including a database to identify yourself if you believe you are covered under FERCCA.

To review the rules about the specific errors that are covered, DoD Field Advisory Services has developed "Retirement Coverage Check" at [www.cpms.osd.mil/fas/benefits/fercca.htm](http://www.cpms.osd.mil/fas/benefits/fercca.htm) with a link to a "self identification tool" and to the OPM website [www.opm.gov/benefits/correction/faq.htm](http://www.opm.gov/benefits/correction/faq.htm). Any information regarding "the servicing

personnel office" refers to the Human Resources Service Center Southeast (HRSC-SE). This is a big deal, folks. If you have any doubts — even if you don't think you have — take the time to look at the web sites and determine whether or not this law applies to you.

If you have any questions regarding FERCCA, or if you do not have internet access and wish to receive copies of the above referenced material, please call the HRSC-SE at 1-877-854-3462. You will be directed to a retirement counselor to answer your questions.

## Contracting officers face tougher guidelines

As of Sept. 30, 2000, contracting officers (1102 series) are required to have at least a baccalaureate degree AND at least 24 hours in business disciplines. Section 808 of the FY01 Defense Authorization Act amended Section 1724 of the Defense Acquisition Workforce Improvement Act (DAWIA). What this means is that if you want to become a contracting officer, either through promotion or reassignment, you must have a degree AND 24 hours of college business courses.

"Nine years ago, only about ten percent of our contracting officers had degrees," said **Terry Watkins**, head of the Business Services Department. "Now, we have about 70 percent with baccalaureate degrees and 20 percent with master's degrees. We have used the DAWIA program as intended to professionalize our contracting officer work force." This is definitely good news for the folks in the 1102 series since this requirement "may eventually move them from the Demonstration Administrative (DA) to Demonstration Professional (DP) pay band," Terry said.

## Employment verification now automated

The Work Number for Everyone® is an automated employment verification service that verifies employment and salary within a matter of minutes. All requests for employment and salary information should be directed to this service. This fast, secure system is used for mortgage applications, reference checks, loan applications, and apartment leases. The service is available 24 hours a day, seven days a week to employees and the people verifying employment. What are the benefits of this service?

- ☐ Faster, efficient and more complete responses
- ☐ Increased security of sensitive information
- ☐ Standardized verification procedures
- ☐ Round the clock service
- ☐ Dedicated Client Service Center

To access this system, provide the lender/verifier with the Department of Defense Company Code (10365), your social security number, and the number to call for express verification (1-900-555-WORK), or use the following web site at [www.theworknumber.com](http://www.theworknumber.com). If you need assistance, call 1-800-996-7566 to speak with a Work Number Customer Service Representative.

—The Southeast Scoop

## Thrift Savings Plan opens October 9

Service members can begin to sign up for the Thrift Savings Plan beginning Oct. 9, 2001. The American Forces Press Service reports that the Thrift Savings Plan is a retirement and investment plan that has been available to civilian government workers since 1987. Congress extended the plan to include service members in 2000. The open season for signing up will run from Oct. 9 to Dec. 8. Deductions start in January, 2002. In 2002, service members can contribute up to 7 percent of their basic pay. Service members can also contribute all or a percentage of any special pay, incentive pay, or bonus pay they receive up to a total amount that generally cannot exceed \$10,500 for the year. Contributions from pay earned in a combat zone do not count against the \$10,500 ceiling and are subject to a different limitation, which is 25 percent of pay or \$35,000, whichever is less. Contributions to the plan come from pre-tax dollars, and service members pay no federal or state income taxes on contributions or earnings until they are withdrawn. More information is at the Thrift Plan's Uninformed Services Page at <http://www.tsp.gov/uniserv/index.html>.

## Norfolk Launches Regional Web Site

By Phil Garcia, NSA Norfolk Public Affairs

**NORFOLK, Va. (NWS)** — A new web site was launched recently to help sailors and families walk through the maze of programs and information that affect their quality of life in the Hampton Roads, Va., area.

A joint effort between Naval Support Activity Norfolk and the Regional Support Services office, [www.nsa-norva.navy.mil](http://www.nsa-norva.navy.mil) includes a comprehensive database of information that can help sailors and families find information about morale, welfare and recreation; Fleet and Family Support Centers; family housing; food services; bachelor housing and family advocacy programs in the Mid-Atlantic region.

Web surfers who access the site will find each program has a link dedicated to their mission and featuring specific information about their programs such as hours of operation, telephone numbers and locations of facilities. Web surfers will also find valuable links to other web sites relevant to the Navy in Hampton Roads and Department of Defense quality of life programs.

The web site is designed to be an Internet-based one-stop-shopping source of information on Navy quality of life programs. Now, sailors around the world expecting orders here can look up information about waiting lists for family housing, quarters on base, food services on naval installations throughout the Mid-Atlantic region, recreational activities, family support programs, etc. — programs everyone potentially has an interest in.

Find out what the Navy in Hampton Roads has to offer — log on to [www.nsa-norva.navy.mil](http://www.nsa-norva.navy.mil).

## Navy Technology Symposium — May 15-17

By Sandy Mieczkowski

Technical Services Branch (J6411)

The **Spring 2001 Connecting Technology... Connecting People Symposium** is scheduled for **May 15-17** at the **Virginia Beach Pavilion Convention Center**. The symposium is a semiannual event co-sponsored by the Department of the Navy Chief Information Office and Information Technology Umbrella Program.

The symposium brings together information technology leaders from government and private industry to discuss current information technology issues, initiatives, innovative solutions and emerging technologies.

The Spring 2001 symposium is featuring the following speakers: **Mr. Michael Dell**, Chairman and CEO of Dell Computer Company, and **Dr. Stephen Squires**, Chief Science Officer/VP of Hewlett-Packard Company. The three days will include many more dynamic speakers, training sessions, roundtable discussions and state-of-the-art vendor exhibits.

Some topics include:

- ✎ Information Technology: The Foundation of Readiness
- ✎ Knowledge Management
- ✎ Feds Unplugged: Government Agencies Go Wireless
- ✎ Next Generation Internet (NGI) and Warfare
- ✎ NMCI today – NMCI.NET tomorrow
- ✎ Public Key Infrastructure (PKI)
- ✎ Voice and Video
- ✎ Digital Renaissance: IT's for the People in the 21<sup>st</sup> Century
- ✎ Macroprocessing, the Next Wave of Computing
- ✎ Bandwidth
- ✎ Securing a Global Infrastructure
- ✎ Global Information Grid (GIG) Architecture
- ✎ Managing Corporate Architectures
- ✎ Thin Client Computing Systems
- ✎ Dealing with the Connected World Ahead

Admission is **FREE** for government and military attendees. Registration and the symposium agenda are available online at [www.it-umbrella.navy.mil/ct](http://www.it-umbrella.navy.mil/ct).

For more details, contact the Connecting Technology Staff at 757-444-9967 or email [conntech@spawar.navy.mil](mailto:conntech@spawar.navy.mil).



# Connecting Technology

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See [www.it-umbrella.navy.mil/ct](http://www.it-umbrella.navy.mil/ct) for:

- Registration
- Agenda
- Hotel Information
- Exhibit or Application, Information and Floor Plan

*Sponsored by Department of the Navy Chief Information Office and Department of the Navy IT Umbrella Program*

## Connecting Technology Spring 2001 Registration

Please register online at [www.it-umbrella.navy.mil/ct](http://www.it-umbrella.navy.mil/ct) if you can, if not, fax this form to (757) 445-2103.

If you are a government attendee or a contractor representing a government agency admission is **FREE!** (Use the government agency's address and e-mail address (i.e. .mil or .gov) that you are representing when registering or you will be charged a \$150 attendance fee). Please bring your valid military/government ID card when checking in at the symposium. If you are a non-exhibiting vendor, an attendance fee of \$150 is required on-site. Payment can be made by cash, check or credit card on-site. If payment will be made by check, make check payable to "Civic Center Promotions." If payment will be made by credit card, use Visa or Master Charge only. (No American Express or Discover cards can be accepted.) Payment (if required) and a printed copy of this form, or your online printed registration form, should be brought to on-site registration at the Virginia Beach Pavilion Convention Center.

\*First Name \_\_\_\_\_ \*Last Name \_\_\_\_\_

\*CT Password Prompt/Question (Choices below) \_\_\_\_\_  
(Mother's Maiden Name, Favorite Sports Team, Favorite Meal, Favorite Color, Favorite Pet's Name, Favorite Teacher's Name)

Military Rank/Rate (CAPT, SKC, etc.) \_\_\_\_\_

Job Description (Info Mgmt, Network Admin, Purchasing, etc.) \_\_\_\_\_

\*Organization Type (Navy, USMC, Coast Guard, Army, Air Force, Gov't Non-DoD, Gov't Contractor, Other Contractor/Vendor) \_\_\_\_\_

\*Activity/Company (Address Line 1) \_\_\_\_\_

Address Line 2 \_\_\_\_\_

Address Line 3 \_\_\_\_\_

\*City \_\_\_\_\_ \*State/Country \_\_\_\_\_ \*Zip Code \_\_\_\_\_

Commercial Phone Number \_\_\_\_\_ DSN \_\_\_\_\_ Fax Number \_\_\_\_\_

\*Email Address (please print clearly; confirmation will be sent via email) \_\_\_\_\_

Allow your information to be released to Exhibitors. Please Circle one: Yes or No

**\*Item is mandatory. We cannot process your registration form without this information.**

## Special Visitors



**Congressman Henry Brown and staff members Earl Copeland and USAF Major Sandra Gregory visited SSC Charleston Feb. 23. Capt. Deitch and Phil Charles, our chief engineer, briefed them on the command's capabilities and showed them around our facilities.**

**Top photo (from left): Maj. Gregory; Bob Kappler, chief of staff; Congressman Brown; Capt. Deitch, and Earl Copeland.**

**Congress of the United States  
House of Representatives  
Washington, DC 20515-4001**

March 2, 2001

CAPT Nancy Deitch, Commanding Officer  
Space and Naval Warfare Systems Center  
P.O. Box 190022  
North Charleston, SC 29419-9022

Dear Captain Deitch:

I was gratified by the warm reception that members of my staff and I received upon my visit to SPAWAR on February 23, 2001. Thank you for taking time out of your busy schedule to meet with me.

I appreciate the briefing about SPAWAR and was impressed by the cutting edge technology involved in the delivery of services to your clients. I am certain that your organization makes a major contribution to our nation's leadership of the free world. Keep up the good work.

If I can be of help to you in the future, please don't hesitate to contact Earl Copeland, Coordinator of Military and Veterans Affairs in my Charleston District Office at 747-4175 or Major Sandra Gregory in my Washington office at (202) 225-3176. Again, thank you for a pleasant and informative visit.

Sincerely,  
s/Henry E. Brown, Jr.  
Member of Congress

**Members of the Canadian Forces Information Operations Group visited SSC Charleston March 14 to assess our cryptologic engineering and integration capabilities and to explore possible business opportunities.**

**Pictured (left to right): John Peterson, head of the Information Warfare Exploitation Systems Engineering Division (J71); Col. Randy Alward, Commander, Canadian Forces Information Operations Group; Lindley Baxter, senior staff officer for technology, CFIOG; CPO2 Griffin, CFIOG headquarters staff; Major Rob Fliesser, Canadian liaison officer at CNSG; CPO1 O'Hare, CFIOG headquarters staff; and Bruce Young, engineer in the Direction Finding Systems Engineering Branch (J712).**







**Nine chief information officer students (all GM-14/15s) from the Information Resources Management College's advanced management program visited our National Capital Region (NCR) office in Washington, D.C., on March 2.**

**Charley Rogers, NCR's senior manager, welcomed the group and provided an overview of NCR's concept of operations.**

**Robert Cooney, John Johnson, Dave Brack, Karen Ayers, and Hoyt Hammer participated in a question-and-answer session which proved to be very interesting to the students.**

**The students also learned about NCR's capabilities and toured the lab facilities.**



**Rear Adm. Harry W. Whiton, Commander, Naval Security Group, Washington, D. C., visited SSC Charleston March 16.**

## What is SPAWAR?



Find out by reading the *Space & Naval Warfare Systems Command Strategic Plan* on line at <http://enterprise.spawar.navy.mil/spawarpublicsite/> and click on *Strategic Plan* located under *From the bridge*.

There, you'll see the SPAWAR corporate leadership's commitment to:

- ◆ Increase Fleet readiness by deploying integrated, reliable, and supportable systems;

- ◆ Retain sailors and Marines by providing training for our state-of-the-art equipment;

- ◆ Align our processes, systems, and organization to be increasingly responsive;

- ◆ Leverage knowledge from our other customer bases;

- ◆ Recognize the contributions of our diverse workforce;

- ◆ Think and act strategically as a single corporation; and

- ◆ Communicate our message with one voice.

### ***Our focus is the fleet.***

SPAWAR comprises five echelon III activities:

- ☞ SPAWAR Space Field Activity in Chantilly, Virginia

- ☞ SPAWAR Information Technology Center in New Orleans, Louisiana

- ☞ SPAWAR Systems Center, Charleston in South Carolina

- ☞ SPAWAR Systems Center, Chesapeake in Virginia

- ☞ SPAWAR Systems Center, San Diego in California

### ***Our top priorities are:***

1. Manpower
2. Current readiness
3. Future readiness
4. Quality of service
5. Alignment

These priorities were established by the Chief of Naval Operations. They are intended to help the Navy focus as an organization on the issues most critical to our sustained success. Examine these priorities in detail on line at <http://www.chinfo.navy.mil/navpalib/cno/cno-top5.html>. Read and digest these priorities, contemplate them, discuss them with your coworkers, and commit to them.



# over 530 years of experience lost when 17 retire

**Gary J. Ostrowski**, a DS-334 -III technical specialist in the Software Development and Performance Management Branch (J452) of the Computer Information Systems Division (J45) in the Pensacola, Fla., office, retired May 3, 2001, following 31 years of dedicated civilian and Air Force military service to this country. Since 1980, Gary has been part of this organization, and its predecessors, as a computer specialist and a computer programmer/analyst. Prior to 1980, Gary served in the U.S. Air Force for four years which included service during the Vietnam War.

**Shirley J. Lee**, a DS-334-III technical specialist in the Software Development and Performance Management Branch (J452) of the Computer Information Systems Division (J45) in the Pensacola, Fla., office, retired May 3, 2001, following 19 years of dedicated service. Since 1984, she has been part of this organization, and its predecessors, as a computer programmer, a computer programmer/analyst, and computer specialist.

**Douglas B. Pennington**, a DS-391-III technical specialist in the Network Engineering Branch (J552/Pensacola) of the Network Services Division (J55) retired March 30, 2001, following 36 years of service. He started his career in 1964 and became part of the Pensacola organization in 1980. Doug served as a computer specialist, computer systems programmer and telecommunications specialist.

**William M. "Marlow" Langham**, a DS-391-III technical specialist in the Integrated Network Management Branch (J562/Pensacola) of the Communications Systems and Network Operations Division (J56) retired April 30, 2001, following 16 years of service. He came on board in 1985 and served as a telecommunications specialist.

**Judith A. Clark**, a DG-344-II assistant in the Personnel/Management Services Branch (J0AP2/Pensacola) of the Support Services Division (J0AP), retired May 1, 2001, following 27 years of service. She began her civil service career in 1973 and has been part of our organization since 1984.

**Patricia R. Richards**, a DP-391-III supervisor in the Network Engineering Branch (J552/Pensacola) of the Network Services Division (J55) retired May 3, 2001, following

35 years of service. She started civil service in 1965 and became part of the Pensacola organization in 1980. She has held the positions of computer specialist, computer systems programmer, supervisory computer specialist and telecommunications manager.

**Elsie P. Morrisette**, a DP-391-III supervisor in the Integrated Network Management Branch (J562/Pensacola) of the Communications Systems and Network Operations Division (J56) retired May 3, 2001, after 26 years of service. She started civil service in 1974 and became part of our organization in 1981. She has held the positions of computer specialist, computer systems programmer, communications specialist, supervisory communications specialist and telecommunications manager.

**Maggie S. White**, a DS-391-III technical specialist in the Integrated Network Management Branch (J562/Pensacola) of the Communications Systems and Network Operations Division, retired (J56) May 3, 2001, after 30 years of service. She started her career in 1970 and became part of the Pensacola organization in 1980. She has served as a computer operator, communication specialist and telecommunications specialist.

**Jean D. Libbey**, a DP-334-III supervisor in the Software Development and Performance Management Branch (J452/Pensacola) of the Information Systems Division (J45) retired May 3, 2001, following 33 years of service. She started civil service in 1967 and became part of the Pensacola organization in 1980. She has served as a supervisory computer specialist, computer program analyst, and telecommunications manager.

**Franklin D. Hamilton**, a DS-391-III technical specialist in the Network Infrastructure Branch (J551/Pensacola) of the Network Services Division (J55) retired May 3, 2001, following 36 years of service. He began his career in 1964 and became part of the Pensacola organization in 1974. He has served as a computer systems programmer, computer specialist, and telecommunications specialist.

**Glenda A. Carpenter**, a DS-334-III technical specialist in the IA Life Cycle Management Branch (J722/Pensacola), retired May 3, 2001, following 20 years of service. She has been part of the Pensacola organization since 1981 and served as a computer programmer analyst, computer equipment analyst and computer specialist.

**Raymond W. Griff**, a DS-391-III technical specialist in

the Integrated Network Management Branch (J562/Pensacola) of the Communications Systems and Network Operations Division (J56), retired May 3, 2001, following 37 years of service. He began civil service in 1966 and has been part of the Pensacola organization since 1974. He served as a computer operator, communications specialist and telecommunications specialist.

**Michael P. Forrest**, a DS-391-III technical specialist in the Network Infrastructure Branch (J551/Pensacola) of the Network Services Division (J55) retired May 3, 2001, following 39 years of service. He started his civil service career in 1961. In 1977, Michael became part of the Pensacola organization, serving as a computer systems programmer, communications specialist and telecommunications specialist.

**Barbara "Smokie" Fobes**, a DS-334-III technical specialist in the IA Life Cycle Management Branch (J722/Pensacola) retired May 3, 2001, following 34 years of service. She began her civil service career in November 1966 and has been an employee of the Pensacola organization since 1980. She served as computer specialist and computer programmer analyst.

**Janice C. Gehle**, a DS-391-III technical specialist in the Network Engineering Branch (J552/Pensacola) of the Network Services Division (J55) office retired May 3, 2001, after 32 years of service. She started her civil service career in July 1968 and became part of the Pensacola organization in 1977. She has served as computer programmer, computer programmer analyst, computer specialist and telecommunications specialist.

**John D. Isaacs**, a DS-391-III technical specialist in the Integrated Services and Plans Branch (J563/Pensacola) of the Communications Systems and Network Operations Division (J56) retired May 3, 2001, after 39 years of service. He became part of the Pensacola organization in 1969 and has served as communications specialist and telecommunications specialist.

**Jim Walker**, a DS-391-III supervisor in the Communications Technology Branch (J571/Corpus Christi) of the South Texas Communications/Information Technology Division (J57), retired May 3, 2001, after 40 years of service. He started civil service in April 1961 and has been part of the Corpus Christi Office since 1982. He served as telecommunications specialist, supervisory telecommunications specialist, and telecommunications manager.

To each of you we say, "thank you for a job well done!" You have served your country, the U.S. Navy, and SSC Charleston very well. While the loss of your expertise, your shared experiences, and your individual abilities will surely be felt throughout the Navy community, your long years of devoted service to the fleet, to this command, and our country have truly earned you this retirement.

We wish for each of you many years of good health, prosperity, happiness, and joy. We salute you for your many years of faithful service, and in the traditional Navy way, we wish you

*Fair winds and following seas!*

(Editor's Note: Due to space restrictions, some recent retirees are not included in this issue, but will be acknowledged in the May/June issue.)



## Are you moving?

If you currently receive *The Chronicle* by mail, remember to include us when you send out your change of address cards. When *The Chronicle* is returned to us marked "no forwarding address," we delete that person from our mailing list. If you want to continue receiving *The Chronicle*, notify us of your new address. Likewise, if you do NOT wish to receive *The Chronicle*, please let us know that, too.

For your convenience, you can complete the information below, clip this notice, and place it in a stamped envelope addressed to:

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March: Women's History Month...

# Much 'ado' about something

By: Marsha Hassell, Public Affairs Officer



What's the big deal about Women's History Month? I mean, history is history, right? Maybe. If the struggles, triumphs and achievements of a people are recounted in perpetuity, then most of us would agree that it's history. But, what happens when someone is left out, written out, or simply absent from the stage of life? Enter, *International Women's Day* and the *National Women's History Project*.

In 1911 in Europe, March 8 was first celebrated as International Women's Day. This event grew out of the political climate of the day when *women's rights* and *woman suffrage*, or gaining the right to vote, were priorities for many women's groups. However, in the United States, the depression of the 1930s left the women's movement dormant until the 1950s and 1960s when suburban housewife, Betty Friedan, talked about the "problem that had no name."

Friedan, author of the book, *The Feminine Mystique*, described the boredom and isolation of the middle-class housewife who often gave up intellectual and professional aspirations to remain at home. Educated at Smith College and a talented writer, Friedan longed for a career outside the home; however, she worried about the effect it would have on her family, especially her children. She was also concerned about the perceptions of other mothers who might feel she had put her own ambition ahead of the welfare of her family.

She struggled with these feelings over the years, even stating in a 1976 interview that until she began writing *The Feminine Mystique*, she wasn't even conscious of the "woman problem" because she was still in the embrace of the "feminine mystique." The feminine mystique is described as the sedate and intellectually non-challenging life of a middle-class suburban housewife. Ironically, in the 1940's Friedman was a labor journalist and covered, with enthusiasm, labor unions and the rights of working women.

While it was not until the 1960s that what we know as American feminism emerged, it is believed that its origin probably dates back to the 1940s and 1950s during the labor union movements and the fight for the rights of women workers. While feminists, historians, Civil Rights activ-

ists, and scholars continue to debate the origins and purpose of the modern day women's movement, organizations such as *National Women's History Project* (NWHP), are seeking to preserve it.

Founded in 1980 in Santa Rosa, Calif., by Molly Murphy MacGregor, Mary Ruthsdotter, Maria Cuevas, Paula Hammett and Bette Morgan, the non-profit NWHP publicizes or makes known the many achievements made by women. In 1987, the NWHP started by leading a coalition that successfully lobbied Congress to designate March as Women's History Month. And, National Women's History Month grew out of earlier efforts, such as, *Women's History Week*, initiated by the Sonoma County (California) Commission on the Status of Women.

The NWHP's mission is to validate the presence and contributions of women in American life and "make history accurate by continuing to recognize and celebrate women's authentic contributions." It seeks to do this through its nationally recognized education and recognition programs and as a clearinghouse that provides information and training in multicultural women's history for educators, community organizations, parents and anyone wanting to expand their understanding of the many roles and contributions made by women to United States history.

NWHP's current projects include an educational outreach initiative entitled *An Extraordinary Century for Women* and the *Remembering Project*. Led by executive director Molly MacGregor, with input from around the country, NWHP has identified 100 Women of Courage who represent leaders of all ethnic and racial backgrounds and are from a wide range of professions. These women have been singled

out for recognition because of their lasting contributions to American life and society. *Imagine the Future*, the educational component of the program, is designed for students K-12 and materials will be sent to classrooms in every state.

The *Remembering Project* has as its goal the creation of a national archive where the names and stories of thousands of 20<sup>th</sup> century women heroes, who might otherwise go unrecognized, will be housed. In addition, a *Remembering Project* website is planned and will be linked to other oral history projects and a national mass media campaign is planned. NWHP envisions the construction of a center to house the histories of 20<sup>th</sup> century women as a gift for the future. Everyone has been invited to nominate women for this historic project by sending NWHP stories of female heroes.

*International Women's Day, The National Women's History Project*, historians, feminists, Civil Rights activists, scholars, and individual women such as, Betty Friedan, made *much ado about something*. Something so significant that we continue, even to this day, to observe, honor, and respect the struggles and contributions of the American woman. In reality, the story of the American woman is the story of America's promise of freedom and justice for all.

For more information about NWHP and Women's History Month, visit: [www.nwhp.org](http://www.nwhp.org) and [www.womenshistory.about.com](http://www.womenshistory.about.com).

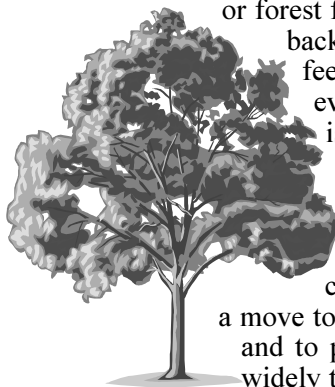
*The Chronicle* received several emails regarding the facts furnished in the January/February 2001 issue about "*Little Known Black History Facts*" on pages 22-23. The information was extracted from Lady Sala Shabazz's book of the same title. Shabazz is also founder of the traveling museum, "The Best of Little Known Black History Facts."

## Coming in May 2001: Asian Pacific American Heritage Month

According to the U.S. Census Bureau, last year's head count showed that there are 10.9 million Asian Pacific Americans, four percent of the nation's total population. The number includes U.S. residents from South-east Asia, India, and the Pacific islands.

## Arbor Day: Day of Trees Its origin and its meaning

In many countries it has long been the tradition to hold an annual tree or forest festival. The origin of such celebrations dates back to antiquity and is in the dawn of religious feeling and awe for what trees represented. However, Arbor Day, as it is commonly known today, is of American origin and evolved from conditions peculiar to the Great Plains. It was first observed in Nebraska in 1872.



The idea, conceived by J.S. Morton, then a member of the Nebraska State Board of Agriculture, was one of forest conservation. It was a move to promote replanting, following deforestation, and to plant up treeless areas. The idea has spread widely to other lands where it is variously celebrated

as the 'Festival of Trees', 'Greening Week' in Japan, 'The New Year's Days of Trees' in Israel, 'The Tree-loving Week' in Korea, 'The Reforestation Week' in Yugoslavia, 'The Students' Afforestation Day' in Iceland and 'The National Festival of Tree Planting' in India. Arbor Day in its various forms is now recognised in more than fifty countries.

## The importance of Arbor Day

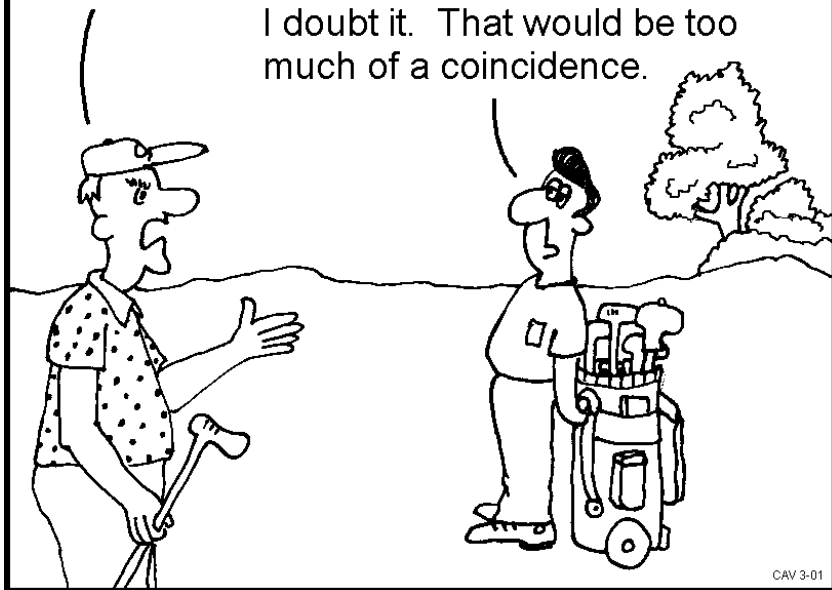
On Arbor Day (April 27, 2001), particular attention is drawn to the part trees play in our lives. It's not just a day to plant trees and then forget the gesture for another twelve months. Planting a tree one day is no credit to us if, during the rest of the year, we neglect to care for it and those already growing. Our thought on Arbor Day should be an expression of enduring feeling, thought and action and not just one single, isolated flame of interest.

Trees and shrubs, whether native or introduced, provide opportunities for the interest and study by whole communities, and when we walk around our own neighbourhood, or drive through the countryside, we can appreciate the importance of such a diversity of plants to the well being of humanity.

## Brain Drain by Clint Veach

Aaaggghhhh!!! You have GOT to be the **WORST** caddy in the world!!

I doubt it. That would be too much of a coincidence.



CAV 3-01

# SSC Charleston's Annual Spring Picnic

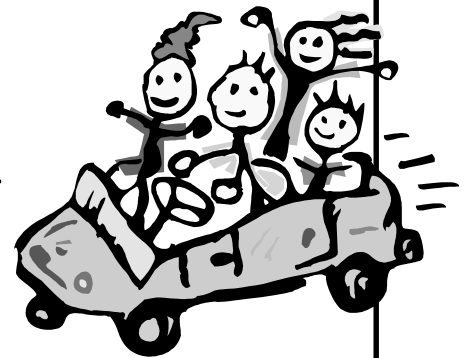
Sponsored by your Employee Services Association

## Saturday, May 5, 2001

### 11 a.m. to 2 p.m.

at the Charleston Air Force Base Recreation Area

Bring the whole family  
tickets are only \$2.00 per person  
(under 5 free)



### Menu:

Sausage sandwich (w/onions & peppers), hot dogs and hamburgers with all the trimmings, fried chicken, baked beans, dirty rice, potato salad, chips, cookies, tea and soft drinks ~ Food served 11 a.m. until 1 p.m.

### Games for all ages until 2 p.m.

Cameron the Caterpillar, Good Times Choo Choo Train, Castle Maze, EZ Striker, Jurassic Toss, horse shoes, softball, and volleyball. Playground and tennis courts available.

Tickets must be purchased no later than  
**Wednesday, May 2**

Call Landa Sandusky at 843-218-4160

